WALSTON COKE.
Frank J. Pool,
122 EUCLID AVE Cleveland O.
ROCHESTER & PITTSBURGH COAL & IRON CO

June 30/90.

Sereno Watson Esq.
Curator Herb.
Cambridge
Mass.

Dear Sir:

Referring to advt. in "Torrey Bulletin" — Enclosed find a P.O. for 25¢ for pamphlet — "Application of the Darwinian Theory to Flowers & Insects" Müller which kindly send to me at above address —

Very truly
Frank J. Pool

TREASURER'S OFFICE, HARVARD COLLEGE,

No. 50 State Street,

Boston, May 10 1887

Dear Sir:

The time conditioned in Mr. Hooper's bond of Feby. 1, 1886, for the production of proof as to the use of the alcohol withdrawn for the Herbarium and Botanic Garden has expired, Please let me know if the alcohol has all been used for the preperation and preservation of botanical specimens in the Botanic Garden and Herbarium.

Yours respectfully

A. W. Rice

Professor Asa Gray.

TREASURER'S OFFICE, HARVARD COLLEGE,

No. 50 State Street,

Boston, Mch. 28 1891

Dear Sir.

Referring to my letter of the 24th inst if the alcohol in Bbl. N° 32299 has not been all used, please let me know about how much longer it will last, and I will see if I can have the time extended. We saved $80.10 by not paying tax, but are liable to have to pay double that in the way of a fine if we do not make oath as true. The government officers are

strict as to time.

Yours truly
A. M. Pope

Dr. Lemuel Watson
Decatur

TREASURER'S OFFICE, HARVARD COLLEGE,

No. 50 State Street,

Boston, Sept. 30 1891

Dear Sir:

Thanking you for your interest in the Alcohol matter, I have to say in answer to your note of the 29th inst. that if the paper is signed at the time referred to it will be in time for the purpose of getting credit on the bond.

Yours truly

A Winthrop Pope

Dr Sereno Watson.

6, Tenterden St. W.

Nov. 29/83.

To Prof. Asa Gray

Dear Sir, If you will kindly look at the last account I sent you, I fancy you will see that, I charged you for "Biologia" "Botany" Parts 10 to 13, whereas, it sh: have been 9 to 13. Therefore, I now enclose invoice for parts 13 to 16, so that the error may be set right. Will you kindly remit this account £2=12=7, to me

Chas. F. Batchelder, of the
Nuttall Ornith. Club?

Believe me,
Very obed.t'y Yrs,
T. M. Porter

Alexandria, Huntingdon Co, Penn^{a}.

July 13th 1847.

Dr Asa Gray,

Dear Sir,

Will you excuse me, a stranger, for intruding on your time & notice? Your known devotion to the Science of Botany has induced me to ask your opinion concerning what I take to be a new Species of Solidago. I found it, last summer, growing in various places near Monticello, Jasper County, Georgia, in company with S. petiolaris, S. Boottii, S. brachyphylla, & S. speciosa. It seems to be nearly allied to S. speciosa, but differs from it chiefly in the following particulars - Stem very stout, scabrous-pubescent above with uncinate hairs, rather smooth below; leaves lanceolate, entire, & mostly acuminate above, ovate-lanceolate or lance-ovate, acute, & sparingly dentate-serrate below, scabrous pubescent on both sides; panicle strict, heads 20-26 flowered, rays 6-10. I enclose a few leaves & heads of flowers for your inspection. — I also found, flowering above a certain line on the Rock Mountain, DeKalb Co, a plant belonging to the Helianthea. I think it a Rudbeckia. Stem 2 ft high, rather slender & branching; branches corymbose; leaves lance-linear, strigose-ciliate at base, rarely opposite; the whole plant in the fresh state, but especially the fibrous root, possessed of a strong

balsamic odor. There is no description in the N. am. Flora that applies, nor did I discover it in any other locality. I have also a Vernonia from Jasper County, which may be new, & an Urtica from Clearfield County in this State, that has never been described. All these have passed under the eye of Dr. Darlington of West Chester, & the Herbarium of the Lyceum has at the same time been consulted. If you wish them and any others from the South, which I may have, & direct me where in Philadelphia to send a package, so that you can get it, I will do so with pleasure.

My collections, made in Middle & Upper Georgia, during the Summer of 1846, & the Spring of 1847, embrace about 220 Species. I searched vainly in the neighborhood of Macon for your Barbeia, & saw nothing like it in all my travels. I had the satisfaction of spending several weeks in the region immediately South of where your last tour ended, & found at Tallulah Falls, Rhododendron punctatum, Amorpha fruticosa, Robinia hispida, Zanthorhiza apiifolia, Lialris graminifolia, Galax rotundifolia, Saxifraga leucanthemifolia, Baykinia aconitifolia, Parnassia asarifolia, Hedyotis serpyllifolia, Nolina Georgiana, Trautvetteria palmata, Heuchera villosa, Cynthia Dandelion, & an Aster, which puzzles me extremely. The Scenery around the Falls is exceedingly wild & magnificent, & I never saw finer botanical ground. Northern & Southern trees & herbs flourish side by side in friendly Society. If you continue your exploration of the Alleghany Range, you will be highly delighted with this Spot. The Chasm through which the Tennessee River runs, & in which the Falls are, is from 800 to 1000 ft deep, & about 8 miles in length, & no doubt abounds in things "rich & strange." My connexion with a Pleasure-Party of Ladies alone hindered me from following it up to its head in the Mountains.

Whilst in Georgia, I took a list of all the Plants, which came under my observation. If this list will be of any service to you, as it regards geographical limits, I can easily transcribe it.

I gathered also many Musci, & some Jungermanniae, & Marchantiae, but am sadly at a loss for authorities on the lower Cryptogamia. If you can put me on the track of studying them successfully I will feel sincerely grateful.

When with Dr. Darlington in May I saw a few sheets of your new Flora, & my friend, Dr Green of Mercersburg has since informed me that it will be out in August. I am glad that you are publishing such a work. It is greatly needed & will form an admirable Supplement to the Text Book. I hope that its range will extend as far South as Pennsylvania. If so, & for the next Edition I can give you any help in the Botany of this middle region of our State, it shall be done most willingly. I have found several uncommon plants here — Valeriana pauciflora, Ell. (a single Specimen). Aralia spinosa (in Clearfield Co.) Coniosolinum canadense, Torr. & Fragaria vesca. I have found too Spiraea Aruncus with perfect flowers & biternate leaves. But more of this hereafter.

Yrs with great respect,

Thos. C. Porter.

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Prof. Asa Gray, M.D.,
Harvard University,
Cambridge,
Mass.

Alexandria, Huntingdon Co., Penn.
July 29 - 1847

My dear Sir,

I just reached home last evening after a week's absence, and found your kind letter on my table. Accept my thanks for fixing the strange Solidago. I never dreamed of looking under S. Nicolai for a plant with such large panicles. I will send you a whole specimen.

My Spiraea Aruncus may be Astilbe decandra. The foliage seems to be that of Astilbe, but I have never seen it with a 2 celled capsule nor with petioles stipuliform at base. When I examined it first the ~~capsules~~ carpels were rather old, and appeared distinct: & this led me to Spiraea Aruncus. You will be able to solve the difficulty from the parts enclosed.

As you request I send in a newspaper heads & leaves of the Hedraiothrix plant from Rock Mtn Ga. & the supposed Urtica from Clearfield Co. Pa. If new, Hon Jos. Henderson of Mifflin Co. ought to have the credit of discovery He is a gentleman of worth & a botanist of respectable attainments He tells me that it possesses in the fresh state a strong odor resembling that of Collinsonia ~~punct~~ canadensis, & grows on the Moshannon Creek.

Hamiltonia oleifera I have never seen. It may grow in this region. If I find it, I will certainly attend to your request.

A short time ago I made an excursion among the Alleghenies, in

the neighborhood of Hollidaysburg. In the Gaps I found growing abundantly Oxalis Acetosella. This is South of the limit set in your Flora and I have little doubt that it reaches Mason & Dixon's line. I found also there Waldsteinia fragarioides, Circaea alpina, Viola hastata, & a single Listera cordata; & Dalibarda repens.

I am much obliged to you for your suggestions concerning my Mosses. Call upon me for anything I have or can procure and believe me

Very respectfully yours

Thos. C. Porter.

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Prof. Asa Gray, M.D.,

Cambridge

Mass.

Alexandria, Oct 19th 1847

Dear Sir,

Yr of the 12th reached me yesterday. I had intended writing with the package, but was prevented. I am glad that you confirm most of my plants.

The Urtica, I am now satisfied, is nothing but U. Canadensis, & am ashamed for being misled by a friend of mine. In future I will be more careful & depend more on my own judgment.

Was not the plant, named by you Solidago bicolor, S. concolor, that plant? In my last parcel I ~~had~~ meant to send some large specimens, but may have put in by mistake, S. speciosa, S. angustata. Surely the first cannot be S. speciosa, S. angustata!

The Vernonia noveboracensis, T & G. is common around Monticello, Jasper Co, Ga.

It gives me much pleasure that the Helianthoid plant from Rock Mountain proves to be "entirely new". I was certain that it could not be Helianthus angustifolius. It covers every spot of ground on the mountain above a certain line.

Its height is 2 ft. It appears in dense masses, & the corymbose inflorescence gives it a very gay appearance. The whole has a strong balsamic odor. Though in full bloom, when I was there Aug 20th 1846, it was only after a long search that I gathered a few heads with fruit partially formed. Some of the achenia you will find enclosed. I could detect no pappus tho' I examined it carefully in the fresh state. This & the particular chaff led me to think that it might be a Rudbeckia.

Rock Mountain is a singular natural curiosity, a solitary mountain of solid granite 1500 ft high & 6 miles in circuit, lying 10 miles East of Decatur, DeKalb Cty, & ½ a mile from the Georgia Central Railroad, which runs from Augusta to Atlanta, & is a place of much resort in summer. This makes me wonder that no botanist has hitherto noticed this plant.

I have nothing new to report in this region, but Polemonium dubium Mill., Mifflin Cty. I believe I told you that Valeriana pauciflora, All., was discovered in this neighborhood. I have a single specimen in my herbarium. Among the grasses I have seen nothing strange but have some puzzling Carices. Dr Green of Mercersburg has, I suppose, sent you Carex Shortii from that place. Are his Rhamni distinct species? Please inform me how soon you expect your Manual to be out, & also if you intend publishing a new Edition of the Text Book, & if the Flora of North America will be continued, & also how your work on the Genera is progressing.

& believe me sincerely yrs.

Thos. C. Porter.

10

Prof. Asa Gray, M.D.,

Cambridge,

Massachusetts.

Reading, April 23d 1849.

My dear Sir,

The arduous duties of my profession have, for some time, hindered me from giving much attention to botanical pursuits, but in a late revision of my southern collections, I have discovered several plants, about which I am not wholly satisfied. You will oblige me greatly by resolving my doubts. These plants I have sent in a parcel to Mr. Geo. Thurber of Providence with directions to forward them to you as soon as possible. The Scutellaria peony to be midway between the S. versicolor & S. canescens of your Manual. The Ranunculus Canadense grows abundantly on the Juniata & Little Juniata Rivers, Huntingdon Co, Penn. Prof. Torrey in his report on the State of N. York, makes the boundary of that State its Southern limit. Aster acuminatus has never before, I believe, been found so far south as Georgia. I enclose a specimen of Eclipta procumbens, var. brachypoda, from the bank of the Schuylkill, near Reading, also out of its geographical position.

I have observed that in your article on Mr Tuckerman's plants in the Journal of the American Academy, you have published my Helianthoid plants & have been kind enough to add my name. For this accept my thanks. I only hope that, if it turn out to belong to another or a new Genus, the specific name will stand.

During the coming summer I expect to continue my botanical investigations with more satisfaction. I have been chosen to the chair

of Natural Science in Marshall College, Mercersburg, Penn.
Vice Dr. Emile Green resigned. - I have some hopes of being able to
obtain the Pyrularia oleifera, of which you made mention time since
either by visiting Michaux's locality near West Liberty Penn in
propriâ personâ, or by means of a friend. It is my desire to procure
some living plants of which if you wish any I will be happy to
supply you. Any thing that I can do also in assisting to make
a second Edition of Your excellent Manual, which I hope may soon
be called for, more perfect, will be done with pleasure.

Please address me at Mercersburg, whither I go immediately.

Very truly Yours,

Thos. C. Porter.

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Prof. Asa Gray,
Harvard University,
Cambridge,
Mass.

Alexandria, Sept 27th 1849

My dear Sir,

I left a parcel, in the hands of Prof. Baird, containing two or three Crataegi, & some other plants, to be sent to you. I am ashamed of the specimens of Crataegus, but the extraordinary drought has affected them so much, that it is almost impossible to obtain perfect fruit. I find it the same also here. We have the four species, C. coccinea, tomentosa, punctata, Crus-Galli, in abundance, & the fruit, in ordinary seasons, would be ripe now, but everywhere are seen instead only miserable abortions. After great exertion I had procured the fr. of Prunus Americana & brought it as far as Carlisle, where I heard from Prof Baird that you were already supplied. I hope the same thing has happened with the Crataegi.

I have collected but few plants, during my present visit to Huntingdon Co. My time has been spent in catching fish & reptiles, in which I have been quite successful. I have attended, however,

to the Coniferalinum Canadense, I can share you a few specimens of you with them. I found two a single Quercus illicifolia, & suppose this to be its furthest eastern limit, at least in Pennsylvania.

I thank you for your kind invitation to visit you in Cambridge, I would have done so, but have been prevented by the serious illness of a friend.

With great respect, I am yrs truly

Thos. C. Porter.

10

Prof. A. Gray, M.D.

Cambridge

Mass.

Mercersburg, Aug 20th 1852.

Prof. A. Gray,

Dear Sir, A fortnight ago I made up for you and sent to Mr. Thos. P. James, No 212 Market St., Philadelphia, a small parcel of plants, which is in his hands, subject to your order, or if not until he finds an opportunity of forwarding it. I thought it likely that you would soon publish a second edition of your Manual and would be glad to make any additions or alterations that will render it more complete. You will find the Calycanthus laevigatus of Pursh from a locality in this county, 30 miles north of the Maryland line, where it is undoubtedly indigenous, and Fedia olitoria, Vahl., from the same place. F. radiata, Mx. is often met with in Central Penn. Viburnum pubescens, Pk. abounds in this valley, even on the low grounds. Utricularia gibba, L., Andromeda racemosa, L., & Polygala Nuttallii, T & G. grow here 150 or 200 miles from the sea-coast. Caret torta, Boott occurs frequently alongour mountain streams. Juncus glaber, L., Silphium trifoliatum, L., Rudbeckia triloba, L.,

P.S. - 21 Dec. do not think I have as yet obtained seed of Glaux maritima. T. C. P.

deeply rooted in the clefts of a limestone rock & sends out such long straggling branches from the base as to make its removal a work of exceeding difficulty and I suppose it must be left where nature planted it. — Last evening, I received by Express a fine lot of the Rudbeckia Porteri from a friend in Georgia and will be able to furnish you with some fair specimens, if you desire them. I am inclined to think it deserves a generic distinction and a rank between Rudbeckia and Lepachys —

Please let me know when the next volume of the Gen. Ill. will appear? and also the work on the Forest Trees? and whether we may expect another volume of the Flora of North America? This last question has doubtless been often asked, but you will excuse me, for I am really anxious to know.

I am now engaged in studying the Mosses and Hepaticæ of this region and find them very interesting.

Our Institution has not yet been removed to Lancaster City, but the plan is in the process of completion and we hope to go by the fall of 1853.

I was pained to hear of the accident which befell you in Europe and hope that you have entirely recovered. With sentiments of sincere regard

Yrs very truly Thos. C. Porter.

Actinomeris squarrosa, Nutt., Dodecatheon Meadia L., & Gymnocladus Canadensis, Lam., are quite common, all thro' this region, though it lies 60 miles east of the Alleghany range, with 6 or 7 chains of mountains between. —

Spiteracanthus micranthus, Engelm. & Gr. is, I am quite persuaded, only a state of D. strepens, tho I have gathered specimens with perfect flowers from the same roots on which, the year before, came stalks that produced only the abortive kind. Meanwhile the thicket in which the plant grew, was cut down. The fully developed flowers I have uniformly observed in the open meadows, and the imperfect ones as uniformly in the shade —

The following passages from a letter lately received from Prof. G. W. Bischoff of the University of Heidelberg may possess some interest — "Myosotis stricta von Mercersburg ist allerdings die M. stricta in Gray's Manual, oder M. arvensis Darlingt. Flor. cestr., aber nicht die Myosotis stricta, Link, welche bei uns nicht selten wächst und sich durch einen schlankern Habitus, durch eine schwächere Behaarung aller krautigen Theile und durch einen weniger beblätterten Stengel unterscheidet. Die amerikanische Pflanze habe ich vor etwa 10 Jahren von Dr. Engelmann - bei St. Louis gesammelt - unter dem Namen Myosotis virginica Engelm. erhalten. Sie scheint in den vereinigten Staaten weit verbreitet zu seyn. Ich besitze davon auch ein Exemplar aus der Gegend von Washington, von meinem Onkel gesammelt. Wahrscheinlich wird sie den Namen „Myosotis verna Nutt." als den ältern, führen müssen."

In the hazel, there is a Chenopodium, which has proved a great puzzler to me. The last vol. of De Candolle's Prodromus, which contains the Chenopodiaceæ, I have not seen & the helps within my reach give no satisfaction. It may be a variety of C. album, L. but if so, is quite a marked one. I have obtained it from two different localities in this neighborhood and also from Berks County. My plant grows in the woods and distant from gardens, but not so distant, or in such situations, as to render it certain that it could not have been introduced. You will oblige me by looking at it & giving me your opinion. — The Corallorhiza, which I sent you, about two years ago, I have compared with those in the Academy of Nat. Sc. Philadelphia and find the same plant labelled C. (vernalis) æstivalis, Nutt. — On examination I am sorry to find that the specimen of Rhamnus lanceolatus, Pk., which I promised you for the Botanic Garden is so

Lancaster, Aug 20 1853

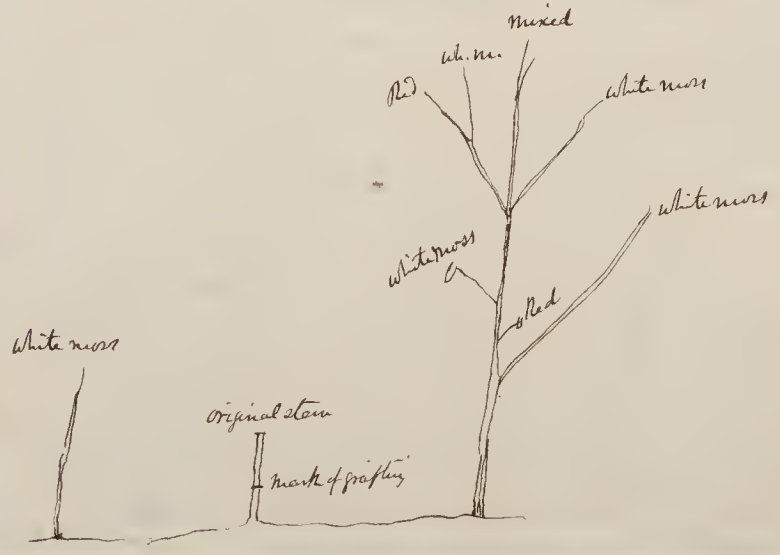
My dear Professor,

You have doubtless received the parcel of plants, placed in the hands of Mr James of Phil.a, several months ago. Among other things it contained additional specimens of the Cardamine, gathered near Harrisburg in Oct. of last year. What can it be? Linnaeus says of his C. pectinatus "cum seminibus Pennsylvanicis enatus", but it does not seem to agree with his description. If you wish I will make it a point to collect larger & better specimens.

The labors connected with the removal of our institution (now happily accomplished) & settlement in a new place have seriously interrupted my botanical pursuits. Still I have done a little in the way of reconnaisance and have detected several species not found in the adjoining County of Chester. I may mention Turritis glabra L. Draba Caroliniana Walt. Lithospermum latifolium Mx. Hydrophyllum Canadense L. and Dodecatheon Meadia L. But whether these are all indigenous is hard to say, since Dr Muhlenberg informs me that his father was in the habit of scattering seeds in various localities in this

neighborhood. Now whether such sowing, in the case of plants, whose habitat is not remote, would fall under the operations of nature — whether a botanist ought to be ranked among such agents as winds, birds & wild animals is a question. I would like to have your opinion. And then how are we to know whether man, bird, beast or wind was the agent in a given case? How is the line to be drawn between these? If there be no record, are we to regard the plant as indigenous?

In the month of June last, in a garden at Harrisburg, I saw a curious instance of metamorphosis, of which I would like an explanation. A white moss rose was grafted on a red-rose stalk - grew, flowered abundantly and died down to the earth. Shoots came up on each side about a foot distant. One bore white moss roses - but the other white-moss, red, & mixed on the same stem. I give a rude drawing -



The 2d Pt. of the Plantæ Wrightianæ was received for which please accept many thanks. I also received some time ago a copy of Mr Emerson's Forest Trees of Massachusetts but not knowing his place of residence have not written to him. Would you be kind enough either to inform me, or to give him my thanks therefor.

The managers of the New York Crystal Palace wrote to me in Feb. last on your recommendation in regard to procuring a suite of cross-sections of our Forest Trees for their Exhibition and I had consented to undertake the collection of all in the region about Mercersburg, but soon after the order for our removal came on and I was compelled reluctantly to decline.

Our Commencement will be held this year on the last day of this month & to be followed by a vacation of 6 weeks, most of which I intend to spend among the Alleghany Mountains On my return I will give a report of the botanical results. I would be glad to hear from you at an early day. What progress are you making in the Forest Trees? Fl. N. Am.? Expl. Exp. Botany? & when do you think of putting out a new edition of the Manual? A letter directed to Alexandria Huntingdon Co Pa. any time before Oct. 1 wd reach me. Very truly yrs

Thos C. Porter

Convallaria bifolia, Raf. – Franklin Co. Pa
Tradescantia Virginica L. – Common in S. Penn.
Thamnadon longicollis, Mg. – Alleghanies, Pa.

Last fall I made an effort through a friend to obtain fruit & roots of Pyrularia oleifera Dc. but failed. Having consented to deliver an address before the Literary Societies of Jefferson College on the 1st of Aug. next I will make the endeavor to procure them myself &, with Michaux's Travels as Guide, have little doubt of success.

Within you will find Specimens of
Holosteum umbellatum, L.
Ellisia nyctelea, L.
Utricularia gibba L.
Polygala Nuttallii, T. & G.
& Listera convallarioides, Hook.

Please let me hear from you soon &
believe me
Yrs very truly
Thos. C. Porter

Lancaster, May 21st 1853

My dear Professor,

Cares, cuscuta-like, have twined around & almost stifled my botanical studies & correspondence, but I hope for a speedy deliverance from their toils. Ever since our pleasant meeting in Philadelphia, last winter, I have intended writing & now at last my pen is set in motion by the arrival of Prof. Braun's article & the Notices of New Mosses of the U. S. Expl. Exp.": for which & the Address on the Wardian Cases, received some time ago, please accept my thanks!

The little plant, which you so promptly recognised as Holosteum umbellatum, L. is not, as you thought, contained in Muhlenberg's Catalogue. Only one species is there set down;- H. Succulentum, L. - & that as not in the herbarium of the author. This, according to the Flora of N. Amer. proves to be nothing else than Stellaria media, Sm.. Holosteum umbellatum L. is extensively naturalized in this vicinity, covering fields & waste grounds for miles in every direction. Within you will find some specimens better developed than those I gave you.

From the booksellers I learn that the last edition of your Manual is exhausted & as a new

one will doubtless soon appear allow me to make a few suggestions:

Under Panax trifolium L. I read – "peduncle as long as the leaves." Ought it not to be – peduncle of the staminate umbel longer, that of the pistillate ~~umbel~~ shorter than the leaves? So I have uniformly observed it.

I enclose a specimen of Ellisia nyctelea, L. collected by my friend, Mr. Laning, at Millersville opposite Trenton, N.J. It deserves therefore a place in our Northern Flora.

I am very strongly inclined to believe the Viola tenella Muhl. a good species. It is certainly far from being "a depauperate variety of V. tricolor L." I have detected it in Blair, Huntingdon, Franklin & Lancaster Counties of this State & always in ~~such~~ situations, where introduced plants would scarcely be looked for. Besides, I have never observed the least tendency in the cultivated V. tricolor to stray beyond its limits. If it does not so do in Europe I will vote for confirming V. tenella Muhl as a true species, or an aboriginal variety at least.

I will now run over the Manual & remark on the localities of plants & you can use as much of it as you like. Feeling a deep interest in the ~~ge~~-graphical distribution of our flora I may perhaps overestimate the importance of indicating the range of species as accurately as possible. I leave this to your judgment.

Hepatica acutiloba, DC. – common in Centre Co. Pa.
Ranunculus Purshii, Richards – Mercersburg, Pa.
Delphinium Consolida L. – troublesome in many of our wheat fields – thoroughly naturalized!
Papaver dubium, L. – common in wheat fields of Franklin Co, Pa.
Polanisia graveolens, Raf. – very abundant on the shores of the Susquehanna, Pa.
Solea concolor, Ging. – Common in Penn.
Viola rotundifolia, Mx. – Alleghanies, Pa.
" hastata, Mx. – Near Hollidaysburg, Penn.
Dianthus Armeria, L. – naturalized near Mercersburg Pa.
Geranium pusillum, L. – Mercersburg Pa.
Oxalis Acetosella, L. – Covers the Alleghanies of Pa.
Polygala Nuttallii, T & G. – Mercersburg, Pa.
Lathyrus myrtifolius, Muhl. – Huntingdon Co. Pa.
" ochroleucus, Hook. – Huntingdon & Blair Cos Pa
Astragalus Canadensis, L. – Mtns of Penn.
Gymnocladus Canadensis, Lam. – Franklin Co. Pa.
Corioselinum Canadense, T & G. – Mtns of Pa.
Symphoricarpus racemosus, Mx – Mtns of Pa.
Viburnum pubescens, Pk. – Franklin Co. Pa.
Fedia olitoria, Vahl. – Common in Eastern Pa.
Eclipta procumbens, Mx. – Banks of Schuylkill.
Andromeda racemosa, L. – Mercersburg, Pa.
Dodecatheon Meadia, L. – Bks of the Susquehanna.
Utricularia gibba L. – Mercersburg, Pa.
Dianthera Americana, L. – Very common in the Susquehanna & its tributaries.
Scutellaria parvula, Mx. – Common in S. Penn.
Chenopodium glaucum, L. – Abounds in the Streets of Lancaster & Harrisburg.
Chenopodium murale, L. – Sts of Lancaster.
Viscum flavescens, Pk. – Franklin Co. Pa.
Euphorbia Darlingtonii, Gray. – Centre & Franklin Cos.
Microstylis monophyllos, Lindl. – Alleghanies of Pa.
Listera convallarioides, Hook. – Bear Meadows, Pa.

Lancaster, Oct. 31st 1856

My dear Prof.,

Your letter containing an order for the Manual, was rec^{d} in due time, but absence from home prevented me from writing sooner. Since my return ~~home~~, a few days ago, I have examined the new edition (new work rather) carefully & must say, that in the extent of the field covered, in its admirable general arrangement, in the thoroughness & accuracy of its scientific details, in the judiciousness of the changes made & in the beauty of the typography & illustrations, it goes beyond my anticipations, large as they were. It is a real advance, & leaves all others far in the rear. Every lover of the gentle science within its geographical limits will be constrained to thank you, as I do, most sincerely, for such a valuable guide. It will give me great pleasure to write a notice for Silliman's Journal, as also of Dulin ants "Moss-Back," which I am very anxious to see. If no private opportunity of sending it to our friend James of Philadelphia

occurs soon, please forward it directly by Adams & Co's Express.

I have been frequently asked about the Forest Trees, the 3d vol. of the Genera, & the Fl. N. Am., but know of the difficulties & delays attendant on plans of such magnitude; & the impossibility of crowding the work of years into days I pay, 'Wait' — "Ars longa, vita brevis."

In some quarters doubt has been thrown on Muhlenberg's Catalogue, in regard to the plants accredited to Pennsylvania, but I am inclined to think it worthy of full confidence. Among other rare plants, there noted, I discovered lately in a swamp near this city, Scleria verticillata, Muhl Rhynchospora capillacea, Torr. & Lobelia Kalmii, L. — the latter Ds. enclosed.

In great haste but with sentiments of sincere regard

Remain yrs very truly

Thos. G. Porter

Leiophyllum serpyllifolium, Mx.
Saxifraga leucanthemifolia
" erosa
Lycopodium selago
" rupestre (6-8 in)
Veratrum angustifolium, Torr
Drosera rotundifolia !
Tholictrum dioicum, DC of
Galax aphylla
Magnolia Fraseri
Cacalia reniformis
Trillium erythrocarpum
Allium tricoccum
Pyrus Americana
Acer spicatum
Chelanthes vestita
Oldenlandia purpurea & var angustifolia (tenuifolia)
Clintonia borealis

Boykinia aconitifolia
Listera convallarioides
Platanthera orbiculata
" peramoena
Echinacea purpurea
Aristolochia Sipho
Prenanthes lanuginosa
Phlox paniculata, ? - pubescent throughout, leaves broad ovate, acuminate.
Circaea alpina
Arenaria glabra
Hepatica acutiloba !
Xerophyllum asphodeloides, Nutt.
Diphylleia cymosa
Convallaria majalis
Chelone latifolia, Muhl
Asarum Virginicum
Hudsonia montana

Among the rarities, is a Leguminous plant, labelled "Baptisia." It accords pretty well with the Podalyria mollis of Michx., save that the legumes are oblong & cylindrical. Is it Curtiss the Thermopsis, discovered by Mr Curtis? Has he published it, & if so, would you be kind enough to give me his description? But perhaps the enclosed stipules, leaflets & legume will be sufficient to enable you to identify the plant. I should suppose it to be 2-3 ft. high & the inflorescence is a terminal raceme - the legumes upright & compactly crowded together.

Excuse verbosity!

Yrs very truly
Thos C. Porter

Lancaster, Nov 12, 1856

My dear Prof.,

Your letter reached me this morning & Sullivant's "Mosses" at noon. As our good friend, Dr. Darlington, has anticipated me in his labor of love, I suppose I must seek some other channel for conveying my notice of the Manual to the public. You may rest assured that I will do all in my power to promote the spread of the work & give a new impulse to this edition: Its high scientific merit deserves to be acknowledged in all quarters, & it will be. With time & fair usage it will work its way & supplant all the inferior volumes, which, through the activity of publishers, have usurped its rightful place in our colleges & schools. As you truly say, it is just what the earnest student "wants" - not a whit too learned or "recondite". Like dictionaries, manuals of scientific botany can never be too thorough. They cannot be condensed into a nut-shell, else they become obscure; & they cannot be abridged by omission, else they become unclassed unreliable & useless. Your publishers have no cause at all for alarm & I mean to tell them so. Increase in price, however it

may might operate against the sale of a book offered to the general public, has no effect whatever against one intended for use in the higher schools & seminaries of learning, provided its superiority (as here) is clearly manifest. It will produce no demur, I am sure, among my students; & the discernment & taste of the educational public must be at a low ebb, indeed, if, amid the heaps of trashy school-books issuing from the press & falsely called popular, they do not hail with delight one that has the ring of the genuine metal.

The "Lessons", if it rival (as I have no doubt it will) the admirable Zoölogy of Agassiz & Gould in compactness & cleanness, & excel that work in the beauty & number of its illustrations, must sell rapidly. The times call for it; & its sale will have the way for the introduction & use of the Manual. Your "Text Book," allow me to say, I have found rather too full & abstruse for beginners, excellent as it is for advanced students. Finding so much they cannot understand, they become discouraged & weary of study, whereas along an easier path they could be imperceptibly inducted into the mysteries of the science & such a fondness created for it, that they would afterward travel on of their own accord. I expect very much from the "Lessons".

A notice of Sullivant's book I will mail to you at an early day. In it I observed a typographical error, which amused me no little. It betrays a foreign hand & which facts would have been readily discovered, even if the name of Lesquereux had not appeared. Yonah Mountain, in Georgia, is written (p. 635) Jonah Mountain. Yonah is Indian (Cherokee?) for Bear, & Jonah (as we would pronounce it) has a "very ancient & fish-like smell." — One of the new species described by the joint bryologists — Desmatodon plinthobius — grows on a limestone-rock on the banks of the Conestoga, near this city. I enclose a fruiting specimen.

A few days ago I had the good fortune to get into my possession a collection of plants, made in the year 1839, by a Mr. Rinehart, who formerly lived in Manatta in this county, but for many years now has resided in Brazil, whither he went on a scientific expedition. These plants were gathered among the mountains of N. & S. Carolina — Roan, Black, Grandfather, Turkey, South, Blue, Table &c. He evidently knew what he was about, for nearly all the rarer species, referred to in the account of your Northern Excursion published in Vol. XLII of Silliman's Journal, are here (& some, which I have not yet determined). Among them are:

Hendera villosa
Parnassia asarifolia
Viola pubescens
Pycnanthemum Monardella, Mf.
Asplenium montanum
Azalea calendulacea
Menziesia globularis
Rhododendron Catawbiense
Vaccinium amplectens
Clethra acuminata, Mf.

Lancaster, June 6th 1857

My dear Professor,

Yr "Statistics of the Flora of the N.U.S." reached me a few days ago & was read with great interest. A number of things were suggested in the reading, which will be communicated, when I have leisure to give it more careful study.

Meanwhile, there are several botanical knots, which you will oblige me by untieing. Enclosed is a scant specimen of one of our commonest Vaccinia. Is it V. Pennsylvanicum, or V. vacillans? — also, an umbellifer for Burgess's Gaps in the Alleghanies, where I found it growing with Cimicifuga Americana in 1850. I suspect it may prove to be Angelica Curtisii which I have not in my herbarium — also, Ellisia Nyctelea, L., detected a week ago near Marietta in this county. Among the new mosses discovered within our limits I may mention Orthotrichum cupulatum, Hoffm & Myurella Careyana, Sullis.

Following your suggestion I wrote to Mr Lesquereux & received promptly a copy of the Musci Exsiccati

Juice which he has written to me several times. I look for a visit from him shortly.

Cares, duties & labors have so encroached upon my time that I have little left now for botanical pursuits – but I see a better future before me & work with hope.

During our Vacation in August I may possibly make a trip to Boston. The certainty of finding you at home would be the greatest inducement.

Yrs with sincere regard

Thos. C. Porter.

Lancaster, Sept 4th 1858

My dear Professor,

I have just returned from a botanical excursion among the Alleghanies & feel prompted to send you a few notes. My first aim was to visit the spot, where in Oct. 1850, I had found Coniselinum Americana & Angelica Curtisii. Accordingly, on the 4th of Aug., I took the cars for Altoona & from thence proceeded to Kittanning Point, 5 miles further, in the heart of the Alleghanies, where the two gaps, Kittanning & Burgoon, converge. These gaps were thoroughly explored & the two plants above named found growing (in both) in great abundance, but neither in flower. They bloom later than their congeners C. racemosa & Archangelica atropurpurea — I should say Aug. — Sept. for Pennsylvania. Nothing else of interest was discovered, save the ferns, Aspidium Goldianum, Hook. & Asplenium angustifolium, Mx., which seem to be very rare in the State — also Lonicera ciliata, Muhl.

The next field of observation was the Barrens, a vast, uncultivated region, about 1000 ft above the sea-level, lying north of the Little Juniata, between Bald Eagle & Tussey Mountains. It is covered with scrub-oaks & dwarf pines, & contains a great many

swamps. In these swamps stood hundreds of Platanthera ciliaris, Lindl. in full bloom - very showy & very beautiful. This plant, I have noticed, like some others, Pebbatia angularis for instance, flowers only after an interval of several years (& then frequently), waiting perhaps for a favorable season. Here I found also Phlox Carolina, L. yet in bloom (Aug 6.) & Prunus spinosa, L. far from any human habitation. It has no doubt been distributed by birds.

On Warrior Ridge, near Huntingdon, a region similar to the Barrens, I was told that white huckleberries had been found. I had heard of them before, but was now determined to see for myself. My search, however, proved unsuccessful, but the next day, a party, who knew the locality, sallied forth & brought home stalks covered with fruit & several quarts of the berries - a quantity of which I put up in alcohol, & if you desire, will send them to you. The plant is yr. Gaylussacia resinosa.

My next stopping-place was Harrisburg. On an island in the Susquehanna, about a mile below the town, I met for the first time with Cyperus dentatus, Torr. Echinocystis lobata, Torr. & Polygonum nodosum, Pers. var. incanatum, Gr. The latter was growing with its native congeners, P. Pennsylvanicum & P. amphibium var. terrestre. Here also I met with the first instance of metamorphosis I had ever seen in nature. Amid a very luxuriant growth of Sagittaria variabilis, Engelm about 15 or 20 stalks, scattered here & there, had flowers with all the stamens & pistils converted into petals. They were very handsome - at a distance resembling miniature gualder-roses. They may interest our friend Dr. Engelmann. I enclose a specimen.

I may have mentioned that in May last I detected on the banks of the Susquehanna, below Safe Harbor, in this county, Euphorbia commutata, Engel. which gives it a wider geographical range than assigned in yr Manual.

At yr. suggestion I planted in the Spring the seeds of cantelope & cucumber side by side to experiment on their hybridization, but unfortunately the vines have perished, by reason of unfavorable weather & the voracity of insects. I will try again.

I have just been reading with great interest Prof. Siebold's work on the Parthenogenesis among Bees & Butterflies & that of Braun on the Parthenogenesis among Plants. How would it do to prepare an abstract of the latter for Silliman's Journal? or that part of it relating to Caelebogyne ilicifolia?

A letter received yesterday from my friend Dr Green of Easton informs me that he has procured his new umbellifer in flower.

I enclose a specimen of Sagina apetala, L. collected June 19th near Safe Harbor - on a hill-side in the woods, where it had all the appearance of being indigenous.

With many thanks for Prof. Anderson's Excellent Synopsis of the N. A. Willows, I remain yr very truly

Thos. C. Porter.

Lancaster, Jan 7th 1859

My dear Professor,

The plant sent you as Phalaris phleoides? & which you think P. paradoxa, L. is pronounced by the Philadelphia botanists, as you will see from the enclosed letter of our common friend, Mr. James, the Crypsis Virginica of Nuttall. In addition, I found the same grass thus labelled in the herbarium of Dr. Darlington at West Chester:

Crypsis Virginica, Nutt - not in Kunth.
C—— aculeata, Ait (See Trin.) non vere.
C—— schoenoides, Schrad. (See Spr.) non Lam.
Agrostis Virginica, L. (see Nutt.)

Streets of Philadelphia.

1827. I. W. Conrad.

Now, it is certainly not the grass which I have always taken for Vilfa vaginaeflora, Torr. (Agrostis Virginica, Muhl.) & which is so named also in the Darlington's herbarium (See specimen in this), & I am strongly inclined to believe it Phalaris paradoxa, L. Mr James to the contrary notwithstanding. If

corresponds very well with a figure of that species in Schreber's Gram. Erster Theil, p. 93. & the fact that it is found only in the Streets of Philadelphia points to a foreign origin. It is certainly not the Agrostis pungens figured in Schreber's Work, which (fide James) is given as a synonym by Muhlenb.

These are the points in the case, as far as I can get at them, & it remains for you to detect where the error lies. If your engagements will permit I would like an early solution of the problem.

During the past summer I had occasion to observe the truth of yr note on p. 288 of the Manual. In analyzing Pentstemon pubescens, in the field, one of my most acute students was misled by the estivation of a corolla, in which the lower lip covered the upper. Within the last two years there has been quite an increase of interest in the study of botany & some of our young men have made remarkable progress. One of these, in August last, travelled through the western part of the State on foot & to him I gave a commission to obtain specimens & roots of Pyrularia oleifera, if possible. After considerable search he discovered the locality mentioned in Michaux's Travels (Patrick Archibald's Mill), but no trace or vestige of the shrub anywhere. It has disappeared, probably through the inroads of the plough or cattle. I must look after it myself some day.

Would it be taxing yr kindness too much to send me, if you can spare them, — Plantae Lindheimerianae, Part I & the second ~~part~~ half of Part II.? The first half of Part II I have already from you.

With sincere regard

Yrs very truly

Thos. C. Porter.

P. S. — In the description of Vilfa Virginica, Beauv. — Manual, p. 542. 5th not the word "leaves" be panicle?

Lancaster, July 20th 1859

My dear Professor;

Many thanks for the copy of Botanical Memoirs received lately through our common friend, Mr. James. The Nevinsia is truly beautiful & the dried specimen very acceptable. The paper on the Botany of Japan & its Relations to that of North America, I have read carefully & with deep interest. It opens up a new view, to which I must confess myself almost, if not altogether, a convert. To say the least, it offers a more rational explanation of the occurrence of so many identical species in the two countries, than that of floras entirely distinct with different centres of creation. The facts adduced indicate clearly that our flora is not in its original state, but has undergone great changes through climatic & other influences, but what proportion of species, if any, in that case, were contemporaneous with the appearance of man upon the stage of action? The whole subject presents a wide field for thought & speculation.

During the present summer I have been engaged in exploring the islands of the Susquehanna, but have found nothing worthy of special note, except the Magnolia Umbrella, Lam., which is quite frequent. The northern limit of this species given in the Manual is "Mts of Pa.", but I much doubt whether it has ever been found there – at least, I have never seen or heard of it among the Alleghanies.

I do not remember, if I told you that one of our students, an acute & accurate observer, made a journey thro' the western part of the State last August, on foot, & following the description given in Michaux's Travels actually found the spot where he saw the Pyxularia clavifera growing more than 50 years ago – but unfortunately the ground was under cultivation & all the mountain ravines were exposed to the ravages of cattle. He made diligent search & inquiry after the plant in all the neighborhood, yet without success. You have probably obtained it by this time from Buckley.

I have in my hands an interesting collection of plants, some 80 or 90 species in all, from the neighborhood of El Paso, Mexico, made by a friend of mine residing there. A few are beyond my means of analysis & many probably be new. I wd count it a great favor, if you can find time to look over the parcel, which, by yr. consent, I will forward by Express.

Our term closes next week. Directly after Commencement I expect to visit the Pokono region in company with Dr. Green. We intend to look sharply after the strange umbellifer, but I fear we shall be too early for fruit. I have decided not to attend the meeting of the Scientific Association this year.

With the kindest regards

I remain yrs truly

Thos. Porter.

Lancaster, Penn.
Sept. 14 - 1860

Dr. Asa Gray,

Dear Sir,

As my botanical explorations for the season are nearly at an end, a brief report of results may not be void of interest to you.

The first week of August was spent in the Pocono with my friend Dr. Green of Easton. The following plants were collected:

Drosera rotundifolia, L.
" longifolia, L.
Rhexia Virginica, L.
Myriophyllum ambiguum, Nutt.
var. limosum, Gr.
Eupatorium teucrifolium, Willd.
Aster Radula, Willd.
Solidago stricta, Ait. — not yet in flower. The Manual states that it "flowers earlier than its allies, beginning in July". The specimen I sent you last year, which was just coming into flower, was collected on the 24th of Aug.
Chiogenes hispidula, Torr. & Gr. — The white fruit, viewed under a lens, is covered with rusty hairs, as well as the leaves & branches.
Menyanthes trifoliata, L.
Polygonum Careyi, Olney
" cilinode, Mx. — Very rare in Pa.
Calla palustris, L.
Schenchzeria palustris, L. in fr.
Platanthera blephariglottis, Lindl.
& var. holopetala, Gr.
Amianthium muscaetoxicum, Gr. — The leaves of the Pocono plant, observed in hundreds of specimens, are uniformly much shorter than the scape.
Pontederia cordata, L. — var. angustifolia, Gr.
Iris bulbosa, Kunth.
" Caroliniana, Walt.

Scirpus subterminalis, Torr.
Carex arctata, Boott.
" debilis, Mx.
" polymorpha, Muhl.
Oryzopsis asperifolia, Mx. - dried leaves & culms.
" canadensis, Torr. " " "
Glyceria elongata, Torr. - This grass also occurs frequently among the Alleghanies.
Woodwardia Virginica, Willd. Very rare in Pa.
Lycopodium inundatum, L. - var. Bigelovii, Tuckerman
" alopecuroides, L.

It is quite remarkable that on this elevated plateau, which lies some 1500 ft. above the level of the sea, & at a distance from the coast, with a continuous mountain-chain, the Blue Ridge or Kittatinny intervening, so many coast-plants should be found growing side by side with species that belong to a region much further south.

Last winter I received from Wytheville, Wythe Co., S. W. Virginia a collection of Asters & Solidagos, among which was Solidago Bootii, T. & G. Occurring thus within the geographical limits of the Manual, it is entitled to a place in the next edition.

In Pennsylvania, I have detected during the past summer:

Pycnanthemum clinopodioides, T. & G. — Reading.

Pinus pungens, Mx. It grows abundantly on the sides of Canoe Mtn, Blair Co., & Tussey's Mtn, Huntingdon, Co.. The wood is very heavy & the bark extremely thin. In May I heard that a strange pine had been observed by some furnace-colliers in that region, & procured a box (by Express) containing fresh branches, a cross-section of the wood & cones in all stages of development. It no doubt occurs elsewhere along the Alleghanies to the South at other points besides Charlottesville, Va., so that the fears entertained lest it might become extinct in its native wilds are vain.

Potamogeton Robbinsii, Oakes. - Susquehanna River near Marietta, in this County. I found it in a collection of plants made by Dr. Rinehart (now living in Brazil) in 1839, but without a name.

Stenanthium angustifolium, Gray - Sligo Furnace, Clarion Co., collected by my friend J. R. Lowrie, Esq. I have it also from the Southern part of Lancaster Co.!

Cyperus compressus, L. Such I take it to be. You will find a small specimen enclosed. In looking over my Mercersburg collections I among some found it mixed with Cyperus diandrus, Torr., with which I had confounded it. It differs, however, from that species, which it otherwise resembles, in its acute scales & triangular achenium, & from C. dentatus, Torr. in its general habit & 2 cleft style. Has it been overlooked? Muhlenberg ascribes C. compressus, L. to Virginia. As I have no authentic specimen of the species I would like to have yr. decision on the specimen sent. If my determination be correct, you will have another plant for the next edition of the Manual.

In addition to the above, I may name the following Mosses, new to Pa. They will be reported to Messrs Sullivant & James.

Hypnum stramineum, Dickson - Pocono.
Fontinalis gigantea, Sullis. - Alleghanies.
Dichelyma falcatum, Myrin. - Pocono.
Buxbaumia aphylla, Haller. - Lehigh & Huntingdon Cos.

Yrs with sincere regard,

Thos. C. Porter.

Lancaster, Pa.
Oct. 18, 1862.

My dear Professor,

I send you by Express to-day, a parcel containing 100 species of Pennsylvania plants, some of the fruits of my botanical labors during the past year. You will oblige me greatly by removing my doubts & correcting errors. I have in hand a Catalogue of the State & another of Lancaster Co., & would like to make them as complete as possible.

The roots of Tidestromia, Gras., which you requested, I failed to procure, but hope to do so next season. The geranium sent you last year as G. dissectum, L.? is, as you suggested, undoubtedly G. columbinum. It agrees in every respect with a European specimen of that species in my herbarium, & is credited by Muhlenberg & Eaton to the U. S., although dropped by later botanists. - Aster divaricatus, Nutt. I could not reach. A young botanist, who lives near the locality, promised to get me an abundance of specimens, but he entered the army early in August, & if his father, to whom I wrote, does not succeed in finding it, I must wait another year. - Helianthus doronicoides, Lam. I discovered at another point on the Susquehanna & collected a bunch of the tubers, which were long & of the thickness of a quill, but unfortunately lost them on my way home.

In the Manual please note the following additional Errata.

Page xxiv, line 7 fr. top for "126" put "465"
" 168, " 17 " " " "No. 8" read "No. 7"
" 406 " 7 " bottom " "valuable" read "variable"
" 542 " 6 " top " "compound" " "convolute"

In the Catalogue the following species are wanting:
Cardamine rotundifolia, L., C. bellidifolia, L., C. pratensis, L.
C. hirsuta, L., Ichnanthus Virginica, L., & Lycopodium
lucidulum, Mx. After Arnica mudicaulis, L. shd be Ell.

Some time since I received from you a specimen of Calluna
vulgaris from Tewksbury, Mass. but have only of late read
the article in Silliman's Journal, detailing the circumstances
of its discovery. They are very curious & interesting.

Please accept my thanks for various botanical reviews &
notices from the same Journal. Your remarks upon Darwin's
researches into "the cross-fertilization of Orchids by insects"
ought to stimulate investigation on this side of the water.

An "Enumeration of the Plants of the Rocky Mountains"
from the Sept. No. has reached me. From the numbers
(222 – 397) I infer that another part has been previously
published, which would also be very acceptable. —

Your report on Buckley's Texas Graminea from the Proceedings
of the Acad. Nat. Sc., Phila. has been received. Buckley
himself had sent me his former papers on New Plants
from Texas, & my first thought was, "Can it be possible
that he has discovered so many new species within
so short a time in a region that has been so well
explored?" I myself had worked up two collections
from the same district (one made at Fort Chadbourne
& the other at Ft. Belknap by officers of the Army)
without finding anything new. Afterward came
your strictures (through the kindness of Mr. Durand)
& Buckley's fair fabric was all scattered to the winds.
I pitied him; but how he could muster up courage,
in the face of all this, to go on & act as he has
done since is exceeding strange. The most charitable
supposition is that he is laboring under monomania.

I will be pleased to have your report when the
contents of the parcel at your earliest convenience.

Yours very truly,
Thos. C. Porter

Lancaster, Pa.,
Dec. 11, 1865.

My dear Professor,

Last evening I sent off by Express my "annual parcel" with notes on the contents, freight paid.

During the year I have added to my Catalogue of the State about 60 Species, full one half of which came from the region lying on the Delaware, north & South of Philadelphia. You will note in the parcel a number of New Jersey plants found there & more will doubtless be discovered.

Naturalizations give me much trouble. It is hard to draw an exact line - to determine what to receive & what to reject. Botanists differ widely in this matter. But, if a rule be laid down that those species, which, in cultivated grounds or the neighborhood, are produced from self-sown seeds, & yet would probably disappear, without any occasional planting by human hands (such as Papaver somniferum, Argemone Mexicana, Fumaria officinalis, Hibiscus Trionum, Ipomoea purpurea, Polygonum orientale, Fagopyrum esculentum &c), are to be recognized, then I do not see why Lepidium

sativum, Raphanus sativus, Hesperis matronalis, Eschscholtzia californica, Rhinum Petroselinum, Carthamus tinctorius, Lycopersicum esculentum & many others should not enjoy the same honor. It seems to me, however, that those only are entitled to a place in our Flora as naturalized foreigners, which prove their ability to maintain themselves independently, in spite of neglect & persecution, & the more so, if they show a disposition to multiply & spread. Judged by this canon, there are a number of species, which should be excluded from the pages of this Manual & a number of others which deserve admission. Each case, however, ought to be considered by itself, & its aspect in one district should not be taken as absolute, for in a country so vast as ours & with such a variety of soil & climate, a plant may make itself at home in one place & not in another.

Here is a problem about which I would be thankful for your opinion & advice.

Near Gray's Ferry, on the Schuylkill below Philadelphia, is a grove of tall trees, some acres in extent, said to have been a garden, about 60 or 70 years ago. In this grove & its outskirts flourish in great profusion Ptelea trifoliata, Amorpha fruticosa, & Vinca minor — & in Bartram's Garden, about a mile further down, Silphium perfoliatum, Rudbeckia triloba, Coreopsis auriculata, Lysimachia nummularia, Periploca Graeca & ~~Convolvulus~~ Tradescantia pilosa. This garden has not been cultivated for more than half a century & is covered likewise with tall trees. During this long period, the plants have propagated themselves. What are we to do with them in my Catalogue of Pa.? accept or reject

In your last letter you ask ~~me~~ what return you shall make me for the roots of Sida Napaea. A photograph of Dr. Gray, such as I saw in the possession of Dr. Carson, would be very acceptable.

With sincere regard,

Yrs. very truly,

Thos. C. Porter

Lancaster, Pa.,
March 15, 1864

Dear Professor,

The parcel sent you in Dec. last contained a specimen of Hibiscus Syriacus, L, in which I remarked that it was frequent along roadsides & in copses around Philadelphia & Lancaster. Your note upon it runs thus: "I never saw it taking hold by itself, as do all you compare with it, except, perhaps, Æsculus Hippocastanum & that seeds freely. Does H. Syriacus seed at all?" I answer - 'With us most abundantly'. A few days since, I gathered some from the persistent pods of a bush in a neighbor's garden, & on asking him if it propagated itself, he told me that it was very troublesome, & pointed out a forest of young plants, from which I selected 3 or 4 of the smallest. These, with the seeds, you will find enclosed.

In a region so vast as that covered by the Manual, embracing such varieties of climate, soil & situation, it is not to be wondered at, if some foreigners behave differently in different localities. To suit this latitude, the list of adventives in the Manual needs to be corrected. Are not Agrostemma Githago & Cuscuta Epilinum (& Camelina sativa, perhaps), cultivated, though without design - being sown with wheat & flax annually in prepared soil, beyond which

they never spread? If these be admitted, by which rule are Eschscholtzia California, Raphanus sativus, Helianthus annuus, Lycopersicum Lycopersicum, Avena Sativa &c., which reappear for a longer or shorter period in field & garden from self-sown seeds, excluded? Are they not as fairly entitled to recognition as Papaver Somniferum, Argemone Mexicana, Hibiscus Trionum, Abrus Hippocastanum, Fagopyrum esculentum & Phalaris Canariensis?

Moreover, a number of species, which you rank as adventives, are, with us, widely & thoroughly naturalized, mingled with the natives & contending with them for place in the wildest localities. The following I know to be fully naturalized in Pennsylvania:

Saponaria officinalis, L.
Daucus Carota, L.
Pastinaca sativa, L.
Tanacetum vulgare, L.
Mentha arvensis, L.
Nepeta Glechoma, Benth.
Chenopodium Botrys, L.
Bromus racemosus, L.

and I might add a few more.

I wish to give this whole subject of naturalization careful study & hope to reach some satisfactory results —

With sincere regard, yrs. very truly

Thos. C. Porter

With feelings of regret we saw Isle Royale recede from view as we moved out of Rock Harbor thro' a narrow passage between the islets, on one of which stood a deserted lighthouse - to push across the lake in a south easterly direction, 60 or 70 miles, to Eagle River. Thence, the vessel continued her homeward voyage, by night, around Keweenaw Point, & at early dawn, Aug. 3., arrived at the entrance to Portage Lake, where the captain kindly furnished us with provisions & a yawl, to explore until his return from Houghton at 12 m. From the river, swamps & Lake-Shore were obtained:

Myriophyllum heterophyllum		Carex chordorhiza	
Sparganium natans		" limosa	
Milium effusum		" lacustris	
Erigeron ——?		" rostrata	
Potamogeton compressus		" oligosperma	
Lathyrus maritimus		" ampullacea	

Toward evening, we came again to Marquette, a town of recent growth, said to contain 4000 inhabitants. As 2 p.m., the next day, (Aug. 4.) was fixed for our departure., my companions made use of the morning to go by railroad 14 miles to the famous Jackson iron-mine, & left me to sally forth alone to see what might grow in the neighborhood. By a sort of instinct I was guided to a large, fertile meadow, surrounded by steep wooded hills, at the mouth of Carp River, 1½ miles to the east. The additional plants found were

Pinus Banksiana		Carex flava	
" resinosa		" Pseudo-Cyperus	
" Strobus		Equisetum sylvaticum	
Diplopappus umbellatus? var.		Carex stricta	

This was the only point on all the lake where we found pines. Marquette is built on a sandy ridge & the species of pines above-named have been suffered to stand along the streets & around the houses - as much, perhaps, for protection as ornament.

Instead of 2, we did not start till 4 p.m., & passed Grand Island & the Pictured Rocks after sunset, getting only faint glimpses of them through the twilight which in that northern latitude is greatly prolonged. On

Lancaster, Pa.,
Sept. 18, 1865.

Dr. Asa Gray,
Cambridge, Mass.

Dear Professor,

During the summer it was my good fortune to spend a fortnight on Lake Superior, in company with the Messrs Smith & Dr. Leidy of Philadelphia. The trip was a delightful one in every respect & as it may possess interest to you to hear of what we found in the plant-world, I will attempt a sketch of our botanical labors.

First of all, 8 busy days, from July 21 - 29, were devoted to the region around the Sault Ste. Marie. Among the curious things seen & inspected was a veritable beaver-dam, stocked with a living colony, supposed by our old guide to be 30 strong. To get to it, however, cost us a tramp of 12 miles through forests, jungles & swamps of the worst character, but the sight fully repaid us for the toil. Sticks of aspen-wood, freshly cut & barked by the ingenious animals were brought away as trophies & many plants collected on the marsh. Of these, the most noteworthy are

Stellaria borealis		Listera convallarioides	
Adenocaulon bicolor		Smilacina trifolia	
Moneses uniflora		Carex tenella	
Platanthera obtusata		" irrigua	
" hyperborea		" cylindrica	

Of the many other species from this locality I will name only

Turritis stricta		Salix pedicellaris	
Silene noctiflora		Lipari Leaselii	
Ribes rubrum		Spiranthes cernua	
Pyrola minor		Isoetes ——	

The latter, from the great size of the spores, Mr. Durand thinks is the I. macrospora of Durieu. I gave him our specimens & he has sent them to the French botanist.

At 4 p.m., July 29th, we left the Sault in the steamer Ironsides, bound on a pleasure-excursion up the Lake & crowded with a gay assemblage of passengers, among whom were persons from nearly every State in the Union, South as well as North. Her brief stay of 3 or 4 hours at each of the following places – Marquette, Houghton on Portage Lake, Eagle River & Ontonagon – afforded but limited opportunities for herborization. Our gatherings comprize

Lathyrus maritimus
Rubus Nutkanus
Andromeda polifolia
Nemopanthes Canadensis
Myrica Gale
Rhus viridis
Salix longifolia
Calla palustris
Schenchzeria palustris
Carex filiformis
Calamagrostis arenaria
Festuca ovina
Triticum caninum
Triseteum subspicatum – var. molle
et al.

From Ontonagon, we crossed over by night to Thunder Bay on the north shore & enjoyed the privilege of beholding some of the grandest scenery on the Lake in the unclouded light of a summer morning (Aug. 1.). Before us, on the right, Thunder Cape, 1350 ft. high & crowned with perpendicular cliffs of trap-rock, lay, in giant majesty, like a grim lion, crouching to guard the gateway to an enchanted empire beyond. To the left, away to the southward, stretched the palisades of Pie Island, so called from a fancied resemblance of a columnar altar of trap (850 ft. high) at the remote extremity, to an enormous French pâté, & further in the distance, the extended line of Mc Kay's Mtn., exhibiting the same peculiarity of structure. After riding at anchor for several hours off Fort William, we retired from the bay & doubling Thunder Cape, whose irregular crest, from the rear, presented a striking fac-simile of Lord Brougham's visage as caricatured in Punch, coasted around the northern end of Isle Royale, to gain access to Rock Harbor, a singular natural canal, scarce 150 yds. wide, made by two parallel ridges of trap-rock, the one forming the main shore & the other, a series of islets, each covered with short-limbed, dwarf firs of grotesque appearance. Along this canal the steamer held her way for 8 miles & stopped at dusk beside a group of untenanted frame-houses, doorless & windowless, near an abandoned copper-mine. Because of the great depth of the water, said to be 4 or 500 ft., she was readily fastened by cables to trees on the shore, altho' heavily laden with masses of native copper, taken in at Eagle River, one of which weighed 12 000 lbs. With the (Aug. 2.) dawn of day, I joined a party who rowed over to an adjoining islet, to search on the beach for chlorastrolites & gathered on the damp rocks:

Anemone multifida
Sagina nodosa
Primula Mistassinica
Castilleja Septentrionalis

Breakfast eaten, Dr. Leidy visited the same islet, whilst Mr. A. H. Smith & I chose the main-land, where we soon discovered a large swamp, thro' which, years ago, the fire had run & burned channels more than 2 ft. deep, down to the mud, in the bed of Sphagnum, leaving numerous mounds of it unscathed. Rare plants appeared at every step & we worked on until our portfolios were filled to bursting & the approach of noon compelled us to fall back to the boat. O for a week on that wonderful island! Our half day's botanizing there will do to dream about. The chief treasures from that memorable spot are:

Corydalis aurea (in full flower)
Geranium Carolinianum
Saxifraga Aizoon
Lonicera hirsuta
Lobelia Kalmii – var.
Erigeron glabratum?
Utricularia cornuta
Dracocephalum parviflorum
Phacelia Franklinii
Platanthera dilatata
Spiranthes cernua
Comandra livida
Calypso borealis
Scirpus caespitosus
Eriophorum alpinum
Carex paniculata
" lenticularis
" livida
" flosculis
" Houghtonii
" ——— ?
Calamagrostis Langsdorffii?
" Canadensis?
Poa alpina
" alsodes
Triseteum subspicatum – var. molle
Allosorus acrostichoides
Aspidium fragrans

On all the rocky ledges Campanula rotundifolia – var. linifolia grew in the greatest profusion – its flowers far larger, more numerous & more beautiful than any I have noticed elsewhere.

the morning of the 5th., the steamer glided down the St. Mary's River, descended the ship-canal at the Sault & lay at the wharf for some hours. The next landing-place was Sugar Island, & then, Grand Detour, on the strait that leads into Lake Huron, where we stopped at 3 p.m. to coal. A little marsh, 2 or 300 yds. above the pier, attracted our attention, & within an area of 50 yds. square we reaped a rich harvest. Here were collected:

Drosera linearis
Parnassia Caroliniana
" palustris
Hypericum Kalmianum
Geranium columbinum
" Robertianum
Potentilla Anserina
" fruticosa
" tridentata
" palustris
Rosa blanda
Ribes lacustre
Aster ——— ?
" graminifolius
Symphoricarpus racemosus
Cornus Canadensis
Lathyrus palustris
Solidago stricta
" Ohioensis
Nabalus racemosus
Lobelia Kalmii
Primula Mistassinica
Calamintha glabella, var. Nutt.
Halenia deflexa
Shepherdia Canadensis
Salix candida
Triglochin maritimum, var. elab.
Smilacina trifolia
Zygadenus glaucus
Tofieldia glutinosa
Carex Oederi
Graphephorum melicoides!
Selaginella selaginoides
Rhynchospora capillacea

On board once more at 6 p.m. we were soon far out on the broad expanse of Lake Huron, & by Monday morning sheltered the port of Cleveland, & immediately took the cars for Erie. The next day was spent among the Alleghanies of Penn., where we detected Turritis glabra & one plant next to the State-B. Blephilia hirsuta, & this ended our botanical labors.

The number of species observed by us on the Southern shore of Lake Superior & Isle Royale amounts to 500, of which 160 were brought home. It is our wish to publish a Catalogue & incorporate in brackets those plants in W. D. Whitney's list (Foster & Whitney's Report) & in the work of Prof. Agassiz, which we did not discover, & your aid in settling a few doubtful points will be esteemed a great favor. For this purpose I send by Express to-day

a parcel containing our adversaria.

A word in regard to Isle Royale: The story is told, that when the boundary between the U. S. & British America was settled, Dr. Franklin, who had knowledge of the existence of copper in the island, either thro' the Indians or the writings of the Jesuit Missionaries, managed to have the line deflected from the middle of the Lake so as to include it in our territory. Be that as it may, it is a part of the State of Michigan, & having a flora not essentially different from that of the Southern Shore, it seems to me that its plants should be recognized in the Manual.

With sentiments of high regard,

Yrs. very Truly,

Thos. C. Porter

P.P.

Lancaster, Pa., Sept. 25, 1865

I have just received a letter from Mr. Durand & opened yours to add what the enthusiastic French Professor says concerning our Isoetes from Sault Ste. Marie.

Prof Durieu writes to me, says Mr. D. — "It is an admirable "discovery, far more interesting than if it were a new "species. These specimens prove at last the presence in "N. America of an European species, the old type of "the genus = Isoetes lacustris of Linnæus! the undoubted "one!

"I am the more satisfied to receive it, because I announced "long ago, that I. lacustris would ultimately be found "in the Boreal region of America, which it could have "penetrated ~~from~~ through Greenland & Labrador. The "N. American specimens so far labelled I. lacustris "have no relation with this, but all of them belong "principally to I. riparia, Engelm.

"You may congratulate Prof. Porter of his discovery. "It will greatly interest the European botanists who "have at heart the Isoetic question. I wrote yesterday "to Prof. Braun to make him acquainted with "the fact. I must acknowledge, however, that I saw "in Mr. Kunth's herbarium, a sterile specimen of "Isoetes with this indication: In montibus Novæ "Angliæ, Tuckerman. This specimen looks very much "like lacustris; but it is so poor & insignificant, in "the absence of any characteristic organ, neither Prof. "Braun nor myself were able to pronounce it to be "the lacustris. Mr. B. did not even mention it in "the report, which he made, three years ago, of all "the known localities of Isoetes lacustris.

"Herewith I return one of the two specimens of

"the new undoubted N. American Isoetes lacustris.
"I feel much indebted to Prof. Porter for his present.
"It is not that I want the plant itself; but as an
"American specimen, it is of great value to me.
"The spores are far from being mature & offering
"the characters of the first order; but, notwithstanding
"there is no doubt whatever about its identity

Easton, Pa.,
April 11, 1867

Prof. A. Gray,
Cambridge, Mass.,
Dear Sir,

From my friend, Chas. E. Smith, Esq., I learn that in the new edition of the Manual you have reached the Cariceæ, & finding in my collection two which may be of interest to you, I enclose 2 specimens.

The one appears to be a striking var. of granularis, well worthy of note. It is much more dwarf than the typical form with bracts & leaves broader & more glaucous, & larger perigynia which are oblong & beakless. In the typical form the doubling in at the tip of the perigynium seems to be caused by the adherence of the style & the less rapid growth of the akene, but here the style is free. I have it from three widely separated localities in Penn. The specimen sent is from Bethlehem.

The other Carex – from the Bear Meadows, Centre Co. – I take to be debilis, but the perygynia are larger than usual & downy.

I am waiting anxiously for the new Edition of the Manual.

Yrs. very truly,

Thos. C. Porter

by an early report
& I will send you good specimens in flower & fruit as soon as the tedious process of drying them is accomplished. Perhaps you would like some roots for cultivation.

Yr. very truly,
Thos. C. Porter

Easton, Pa.,
May 20, 1867

Dear Professor,

With all yr. endeavors to render the new edition of the Manual complete, a list of Addenda will, I presume, be necessary. If so, & not too late, you will oblige me by giving place in it to an interesting Sedum, discovered last Saturday, May 18, by Dr. Green & myself. On the Pennsylvania side of the Delaware river, 15 miles below Easton, there is a range of perpendicular cliffs, 2 miles long & about 200 ft. high - composed of the identical red sandstone of the Valley of the Connecticut, in which occur the ruddered footprints of birds & reptiles. In fact, Prof. Chas. Hitchcock, who was with us, detected several of these tracks during our excursion. The exposure is northern with flats on the New Jersey side of the river. On the faces of the cliffs are narrow benches of rock, over which the water is now dripping in considerable quantity, here & there.

In the latter part of the summer, these spots become dry, but in winter they are covered with ice which accumulates forming frozen torrents or miniature glaciers. In passing up & down by rail, on the New Jersey side of the river, as I have had occasion to do every week for the last 6 months, this struck me as a very singular & promising locality for plants. I hoped to find there something from the high north, & at my suggestion it was visited & examined. The result was the discovery of the Sedum, which I send you in a fresh state by mail to-day. For a quarter of a mile along the cliff it is quite abundant on the benches of the rock under the drip of the water, & is blooming profusely in dense tussocks. In many places it is altogether inaccessible & will no doubt maintain its existence there for ages to come as it has for ages that are gone.

Can it be S. Rhodiola, DC.? If so, what is it doing so far South? Of that species I have no specimen & our plant does not accord fully with the descriptions in the books. I can find no evidence that it is diœcious; nor any trace that the flowers are tetramerous, although this point is hard to make out, for the linear-oblong, obtuse petals are very irregular in number & size. The ovaries are 2-3 & taper upward; styles none. The greenish-yellow cymes are nearly sessile, & often have a tinge of red. The leaves are cuneate-ovate, & slightly toothed toward the apex, or entire; ~~obtuse or acute~~ lower, obtuse; upper, acute. Many simple stems spring from the same spongy tuberous root, which when bruised or fresh cut has an odor a little resembling that of a rose. The scent of the flowers is like that of honey.

If new, I would like to describe it & name the species - S. Greenianum, in honor of my old botanical friend & colleague, Dr. Torrey Green.

I know that you are exceedingly busy, but an early report will oblige me

Easton, Pa.,
Sept. 3, 1867

Dear Professor,

From Mr. Durand, whom I met yesterday in Philadelphia, I learned that you are at home again. In looking hurriedly over the copy of the new Manual in his possession I found no notice of a Carex, which I send you, from the dry hills of N. J. below Easton. The Philadelphia botanists had collected it some years ago in the neighborhood of Camden & had, I thought, communicated it to you. It is probably Chapman's C. laxiflora, var. nigro-marginata, altho' many of the culms exceed 2 inches in height. It seems to be intermediate between C. umbellata & Pennsylvanica, & if not entitled to rank as a distinct species, is certainly a striking & well-marked variety, worthy of recognition.

The other species sent you is probably C.

granulans - a curious form, unlike any I have yet seen.

Of late I have been adding a few plants to my Catalogue of the State -

Euphorbia dentata - Banks of the Conestoga, Lancaster.

Mitella nuda
Lonicera hirsuta
Lobelia Dortmanna
Carex vulgaris
" gynandra
" oligosperma
Isoetes echinospora, var. Braunii
} Paccano

Carex retrorsa, var. Hartii - Jefferson Co.
Mentha rotundifolia - Bucks Co.
" Sylvestris - Philadelphia
Juncus dichotomus - Bucks Co.
Eragrostis Purshii - Easton
Carex eburnea - "

Yrs. very Truly,

Thos. C. Porter

Easton Pa.,
Jan. 4, 1870

My dear Professor,

Some time ago, our friend James informed me of your arrival from the Old World, & that you had brought home with you a venerable beard! Since then I have been getting together some plants for you, which a letter just received from Col. Olney, prompts me to send on immediately. The package goes by Express to-day. I add a few notes on some of the species.

Fedia patellaria, Sullis. – Westmoreland Co., Pa. – It is extinct in the original locality. Has it been found anywhere else since?

Corcopsis discoidea, T. & G. – It is quite abundant on the Delaware near this place. Some of its forms are quite tall (4 feet) & robust. I was glad to meet with it in order to compare it in the fresh state with the following –

Bidens frondosa, L., var. anomala. Very abundant along the banks of the Delaware, north & south of Phila. This, after a great deal of careful study, I am persuaded is only a variety of B. frondosa with upturned awns!

Ilex decidua, Walt. –? When collected I took it for I. laevigata, but the broader leaves & the hairy veins underneath have made me doubt. Perhaps you can decide the question even without fruit.

Ilex mollis, Gr. I have from several stations on the Pocono along with I. monticola.

Mentha gentilis, L. - ? - I have it from several localities, & it fully deserves admission into our flora as a naturalized adventive - So too the following, which has probably been overlooked on account of its resemblance to *M. viridis*.

Mentha sylvestris. Quite common around Easton. Its occurs also in Delaware Co..

Salvia Sclarea, L. - Huntingdon Co., Pa. - Escaped & spreading, & Mr. Garber has no doubt that it will maintain itself.

Physalis pubescens, L. ? I have been so woefully puzzled with species of this genus that I have lost confidence in my own judgment.

Spiranthes gracilenta, Lindl., var. *Walteri*, Gray - ? When I examined it in the fresh state I set it down as a form of *S. cernua*, but as the flowers are manifestly not in 3 ranks, I begin to doubt again.

Trillium nivale, Riddell, var. *recurvum* (mihi). It seems to me a well-marked variety. Of all my specimens (about 30 in number) none has an erect peduncle.

Bromus ciliatus, L. var. *Jurgens*, Gr. - You may have good & sufficient reasons for reducing Muhlenberg's *Jurgens* to a variety of *B. ciliatus*, but the two, as they show themselves here in Pa., seem to be very different. *B. Jurgens* grows in low grounds along water-courses; the other, in woods on hill-sides. *B. Jurgens* flowers Sept.; the other, in July, at least 6 weeks earlier. *B. Jurgens* has the culm with short nodes & leafy at the summit, so that the panicle is often partially concealed in the upper sheath; the other has the culm naked at the top, & but few leaves toward the base - & a more drooping panicle. You probably have connecting forms - & if, after looking again at the matter, you hold to your old decision, I yield.

The Legislature of Pa. has made an appropriation of $6000 for the publication of a Flora of the State, for which I have been so long collecting the material, but one of the conditions of my offer not being complied with, i.e. to keep it out of the hands of the State Printer - I will wait until it can be arranged to my satisfaction.

All last summer I had two young men, Messrs Garber & Knipe, employed in the work of exploration, & in the parcel I send, you will note some of the fruits of their labors.

I have added to the parcel a few plants, from a collection made last summer in the Rocky Mtns., which I cannot determine. You will do me a favor by naming them.

With the compliments of the season & a cordial welcome home, I am, as ever,

Yrs. very truly,

Thos. C. Porter

Easton, Pa.,
Jan. 27, 1870.

My dear Professor,

I have your favor of the 15th. & thank you for notes on the contents of my parcel of plants, & much as I regret to trouble you, knowing how valuable your time is & how much botanical work you must have on hand, it would be a great satisfaction to have your opinion on a few other species in said parcel.

Arabis laevigata, DC. var. minor, Nichl
Bidens frondosa, L. - var. anomala, Nichl
Mentha sylvestris, L.
" gentilis ?
Physalis pubescens, L. ?
Spiranthes cernua, Richard. ?

It is no use to quarrel with foreigners. They will come in. You can no more keep them out than you can Irish or Chinese. It would be a pleasant thing to keep our Flora unchanged. But the fates are against it & time & foreign influences will work a revolution.

I think Trifolium stoloniferum is a Y. It shall be looked after & living specimens sent you in the Spring.

Instead of leaving you unmolested, as I probably ought to do, I send you a few things by mail to-day, with labels enclosed in this letter. Two of them I believe are new species & they are described on the other page.

The Prunus, some years ago, you thought (founding your judgment, perhaps, on imperfect specimens) to be P. Pumila, but it differs from that species in not being thorny, in its more glabrous leaves, flowers commonly in umbels of 2–5, narrow obconical calyx with shorter lobes. It habits from one of the wildest parts of the State & occurs in situations so remote from dwellings & cultivated grounds as to forbid the idea of introduction.

The Gerardia I can find nowhere described & am compelled to regard it as new. It has the short pedicels & sharp-pointed calyx-teeth of purpurea, but the corolla in shape, size & color approaches that of setacea. Gerber reports it as quite abundant on Presque Isle.

Yrs. very truly,

Thos. C. Porter

Easton, Pa.,
June 8, 1870.

Dear Professor,

Yesterday I rec'd yr. favor of the 4th. & to-day a letter from Mr. James. In the same mail came word of the dangerous illness of my brother-in-law, J. C. Kunkel of Harrisburg. My wife left immediately, & from the fact that he has long been an invalid, I augur the worst results. This I fear will compel me to put off the proposed visit to Cambridge. As soon as I get a full report of his condition, I shall write to Mr. James. If kept at home by unfavorable tidings, the plants you desire I shall send by Express; together with a curious variety of *Trifolium repens*. Its leaflets are marked with rich brown spots & I have it under cultivation for ornament.

The *Tussilago Farfara* of J. C. Martindale fr. Bucks Co. is *Petasites vulgaris*, Desf.

of my brother-in-law obliges me to change my plans.

With sincere regard,

Yrs. very truly,

Thos. C. Porter

Some years ago I obtained it from the same locality & thought I had sent it to you. It flourishes also in Bartram's Garden, where it has kept its ground for perhaps 50 or 60 years.

Mr. McMinn, formerly of Williamsport, Pa. & now residing near Norfolk, Va. sent me a little plant, which he says is very abundant in his neighborhood, asking for a name. I replied that it was Ranunculus hederaceus, L. & advised him to send it to you. In a recent letter he doubts my decision because it is so abundant & does not behave like a foreigner, but I am sure, if he has sent it to you, that you will return the same answer.

Did I send you specimens of Aristida Danthonia compressa fr. Penn.? McMinn collected it near Williamsport. At first I doubted the species, but the long teeth of the palea & the tuft of hairs at its base seem to separate it from D. spicata.

Dr. Leidy examined Prunus pygmaea in the Muhlenbergian Herb. for me & informs me that only a few wretched fragments of it remain & nothing can be made out from them.

McMinn reports both P. maritima & P. pygmaea as growing near Norfolk & has promised to secure good specimens.

I have lately picked up a singular short, specimens of which are laid by for you. It furnishes a striking instance of suppression or retardation of growth. In a rich spot, from which the coppice-wood had been removed last winter, I discovered a large patch of Podophyllum peltatum in which about one half the flowering stalks & branch of but a single leaf. The non-bearing of the fruit was wanting & this was not caused by cropping of cattle or other accidental injury as no sign of such mutilation could be observed. It seems as though the plant had not enough vigor to produce two respectable leaves & devoted all its substance to one.

As all our preparations for the journey have been made, & we were looking forward with pleasant anticipations, I shall be sorely disappointed if the continued illness or death

Easton, Pa.,
Oct. 2, 1871.

My dear Professor,

I received your note, & passed it on to Mr. Smith, to be by him forwarded to Canby.

For myself, you may put me down for 300 lbs. of the paper, 18 in. by 12. It is just the thing I have been desiring for a long time.

Our late trip to Moosehead has turned out better botanically than I supposed when I saw you. Of 51 species brought away, 22 are not contained in the Maine Catalogue, published by the Portland Nat. Hist. Society. Two of them are, I believe, new to science - one, a Carex, allied to C. crinita & C. gynandra, but with a very distinct perigynium, you will receive from Col. Olney; the other, a Spartina, ~~which~~ I send you by mail to-day, & for which you will find a label enclosed. It may possibly be an extreme form of S. cynosuroides, but among all my specimens of that species, I can find nothing at all approaching it. If you can contrive to steal a few moments from other labors to examine it & give me your opinion, I shall be much obliged. I send you also Aspidium fragrans from Mt. Kineo,

Bidens Beckii, from Spencer Pond, a flowering stalk of Podophyllum peltatum with both leaves wanting, & a new photograph for Mrs. Gray, which she may, or may not, think better than the old one.

Of other interesting plants collected on Moosehead, I may name -

Primula farinosa, L. - in fl.
Coniocelinum Canadense, T. & G.
Hippuris vulgaris, L.
Carex crinita, Lam. var. angusta, Olney
" capillaris, L. var. elongata, Olney
" miliaris, Mx. var. major, Olney
" pulla, Good. of your Manual, which Olney thinks a form of C. ampullacea, but is certainly mistaken. It accords neither in habitat nor in its characters with ampullacea, & is either a hybrid between miliaris & monile with which it grows, or pulla, or something else. The Col. may puzzle over it. Unfortunately I could not discover a single ripe achenium.

Since my return home I have been looking sharply over my specimens of Fedia patellaria gathered by Mr. Knipe, & my first suspicion is gaining strength - that it is only a forma of F. radiata with abnormal fruit. It grows with F. radiata. In its form the fruit is very variable, even on the same stalk & with 2, 3, 4 & even 5 cells, sometimes all closed & sometimes one of the sterile cells splits & presents the appearance of a cup. They vary much too in size & are sometimes also downy! F. umbilicata I have never seen, but from a remark of yours at Cambridge I infer that it behaves in like manner, & unless other more stable characters come to light, I fear they both will be compelled to fall back into F. radiata. Nous verrons.

Mr. James intimates that he has found some novelties among our Met. Kineo Mosses.

With the plants I send you also by mail to-day a copy of Hayden's Report for 1871 containing my list of his plants.

Please do not forget to command for a copy of Watson's Report.

With kind remembrances to Mrs. Gray.

I remain

Yrs. very Truly
Thos. C. Porter

Easton, Pa.,
Jan. 1, 1872.

Dear Professor,

I received yr. letter with the fruits of Fedia umbilicata & F. patellania from Sullivants' own specimens, but, alas! they had been put up in stiff letter-paper & came so crushed as to be of no manner of service. Mr. Knipe was with me a few days ago, & I placed them in his hands, when he said, "If Dr Gray will only replace these by one or two only of each, I shall do my best to make accurate figures." With or without them, we shall get up an article for the Am. Naturalist, as you suggest.

The dryers have come, & I am delighted with them. I think they will do admirably. The only drawback on my satisfaction is the extravagant charge of the Express Companies - $5.10 from Boston - but then, one must submit to the fleecing of monopolies & pray & work for their overthrow.

Hayden's plant-collections around Yellowstone Lake last summer reached me about a month ago, & I have been toiling ever since with the mosses included. They are now in order for study. I find only two things which will probably

prove ones – one is a Cichoraceous plant, near Calais – with a pappus of 5 palea, each furnished with 5 plumose setae; the other an Amaryllidaceous plant, stemless & with tuberous roots. Guided by Watson's catalogue, which he sent me last summer, I think there are 3 or 4 of his own species. I have been wishing & waiting for his fuller publication in Clarence King's Report. Is it yet distributed? If I knew Watson's address, I wd. write to him. Is it New Haven, Cambridge or Washington? Dr. Hayden requires my Catalogue for his annual report to be finished by the 25th. of January, & I am anxious to have it as full as possible. Of course, all doubtful species that may require further investigation shall be withheld, until next year, or until the appearance of his proposed larger work, to embody the best results of these annual reports.

In a few days I shall send you by express a parcel containing the plants above referred to & others which you might like to have & upon which I sh^d like to have yr. decision. I know you are very busy & that yr. time is very valuable, but acceding to my request will add another to my many obligations.

I had a letter yesterday from Dr. Rothrock & find that a prediction of mine in regard to him is in the process of fulfillment. He says that his circumstances having become easier, his old love for plants has revived & he is coming back again to Botany.

I have attended to Mrs. Gray's request, & in a letter written him last week reminded Mr. Smith of the promise he made to send her his photographs.

Wishing you & Mrs. Gray a happy New Year,

I remain

Yrs. very truly,

Thos. C Porter

Easton, Pa.,
Jan. 22d., 1872.

Dear Professor,

If you deem the enclosed article on our Fediæ worth publication, you will do me a favor by securing it admission into the Am. Naturalist. The editors can so arrange the drawings, which are numbered, as to suit the letter-press.

Yr. correspondence with the U.S. Commissioner of the Dep't of Agriculture, in reference to the summary dismissal of Dr. Parry, I have read, & am thoroughly ashamed that our State has furnished such a man for such a position.

I am very busy at my Catalogue for Hayden's next Report & must have it ready by the 1st. of March. Watson's promised volume has not yet arrived & I have written to my friend Senator Scott & by his assistance hope to get it soon. Meanwhile, I have the use of a borrowed copy, & find it admirable. What a prodigious amount of good work Mr. W. has accomplished & in such a short space of time! It greatly facilitates my labor with Hayden's plants, among which I have thus far found only 2 or 3 species likely to prove new. These & some doubtful cases I shall take the liberty of sending you in a few days, with the request that you will give me what help you can without too heavy a tax upon yr. kindness or yr. time. Later, when I distribute the duplicates, I shall send you a set, if you desire it. The collection contains some good things, but you are well aware that Hayden's specimens are not like Babb's or Parker's.

I learn that Mr. Hall's late gatherings in Oregon have been placed in yr. hands for elaboration, & that sets of them will be sold at the rate of $8. per hundred. If that be so, can I obtain one of them?

Please inform Mr. Watson that, some months ago, I sent to Dr. Torrey's care a copy of Hayden's Report for 1870, to be delivered to him when an opportunity shd. occur, but I fear he has not received it.

If my Fediæ-article is published, I shd. like about a dozen extra-copies.

With sincere regard,

Yr. very truly,

Thos. C. Porter

Easton, Pa.,
Oct. 1, 1872.

Dear Professor,

When passing through Denver early in August, it cost me a great deal to decline Dr. Parry's invitation to await yr. arrival & accompany you in the ascent of Long's Peak, but circumstances were inexorable & I was obliged to return home with my party. I did not get nearer to it than Idaho Springs, to which we went one day & came back the next in private conveyances.

Most of our time was spent at Colorado Springs & in a tour of 8 days up the Ute Pass, across the South Park & the Western Divide to the Arkansas, striking it just opposite Mts. Harvard & Yale, thence up the river to Granite & the Twin Lakes, at the foot of the Snowy Range, & thence back to South Park & east through Cañon City to Pueblo, where we took rail for Denver.

Although somewhat under restraint from my fellow-travellers, who, whilst they admired the beauty of the flora, could not fully sympathize with the enthusiasm of a botanist, I lost no opportunity of collecting whatsoever I could, & brought away in good condition specimens of about 330 species of plants, including mosses & lichens - many of them, however, uniques.

From ground so well explored by Parry, Hall & Canby much that is new could not be expected,

but in the parcel I send you by Express to-day there are several things which may prove so. If it will not tax yr. time, patience & generosity to much to examine & report upon the contents, I shall be greatly obliged. Enclosed is a little composite from the summit of Pike's Peak, which puzzles me. If new, keep it; if not, please return it.

A few days ago I received a note from you through Mr. Watson in regard to herbarium-paper. As I am about to move into new quarters, specially prepared for my department, & design to refit my whole herbarium, I must have a larger quantity of the article, but the difficulty in joining with you in an order is that, according to my plan, the specimens will not be glued down, & hence I shall require double-sheets, & yr. single sheets doubled would be too heavy & too expensive, I fear.

In the package sent is included a small parcel of Mosses for our friend, Mr. James, which you will please make over to him at yr. convenience.

Yrs. very truly,
Thos. C. Porter

Easton, Penn.,
Dec. 10, 1873

Dear Professor,

Thanks for the Botanical Contributions from Vol. 8 of the Proc. of the Am. Acad. which reached me a few days ago! The brochure came in good season. In connection with Mr. Coulter I have undertaken to prepare a Synopsis of the Flora of Colorado, after the plan of Mr. Watson's Catalogue, & the work is now nearly ready for the printer. It will form an octavo volume of about 350 pages & 3000 copies will be printed. Before committing ourselves, I should be greatly indebted for your advice & help, which you have always so kindly given in like cases. By Express to-day I send (prepaid) a century of Species to your address. The plants contained in the package are chiefly from Colorado. The remainder are of my own collection

last summer around Ft. Bridger W.T.
& in the Uinta Mtns. I shall esteem
it a great favor to have you resolve
any of my doubtful points & correct
any errors ~~in my~~ you may discover
in my determinations & communicate
the results at your earliest convenience.

Please send me also a generic &
specific character of Leucampyx
Newberryi, which I failed to get
again this year.

With kind remembrances to Mrs.
Gray, I remain

Yrs. very truly,

Thos. C. Porter

Easton, Pa.,
Dec. 22, 1873

Dear Professor,

Thanks to you & Mr. Watson for the notes on my parcel of plants! Excuse me for giving you a little more trouble. I should like Mr. W. to review some of his findings.

1. Ranunculus Flammula = R. alismaefolius, var. To my eye it has the fruit of the former for "the carpels are turgid with a short curved beak." & quite unlike those of our ordinary R. alismaefolius

2. Ranunculus conspicuus = R. Flabellaris, Nutt. - Just after sending my parcel I discovered the same thing

3. Delphinium exaltatum = D. scopulorum - So different in size, habit of inflorescence & divisions of the leaves that I scarcely think it the latter Species. It seems to me far nearer our Alleghany D. exaltatum, but perhaps you have connecting forms.

Cheiranthus Pallasii = Hesperis Pallasii - Where?

4. Draba gracilis = Capsella divaricata - I am obliged for the correction.

5 Astragalus = A. gracilliflorus - varies from the description in its longer peduncles & more numerous flowers.

6. *Rosa Arkansana* ? = *R. blanda* v. β
It may be convenient to put all the Western
ones into *blanda*, but here is one with 11
leaflets & flowers twice as large. If you
decide so, I will yield.

7. *Oenothera bicristata* = *Œ. caespitosa*. The
seeds are certainly like those of *caespitosa*, but
I never saw it so decidedly caulescent. Perhaps
it will be better to reserve it for further
investigation.

8. *Aster Sanctae-Crucis* = *A. salsuginosus*. So
divine from any *A. Salsuginosus* I have seen
that I am inclined to demur. It is more slender,
simple or branched above bearing 1 to 4 heads – the
scales of the involucre are as long as the disk
& not spreading – & the rays are narrower &
longer. I may lay it aside for the present but
am not satisfied. – I see no difference between it & numerous specs in herb.

9. *Actinella Brandegei* = *A. scaposa*. It can
hardly be, for the stem is stouter & leafy & the
leaves are *not* punctate. It seems to me nearer
A. grandiflora. All the specimens (except Bigelovii?) are alike more or less punctate, & this is somewhat so. *A. scaposa* is often hairy & more so upwards. The chief diff. is in the more glandular pubescence & this is found in 129 Parry (1867), 29 Van Horne, ~~It is nearer A. scaposa than to any~~ specimens of *A. grandiflora*. –

10. *Pentstemon Brandegei* = *P. cyananthus*
So I thought at first, but the stem and leaves
are *puberulent*.

11. *P. albidus* var. = *P. cristatus*, var. I yield.

12. *Phacelia Neo-Mexicana* = *P. Popei*. Not
as I read it by the aid of Dr. Torrey's figure in the
Bot. of Pope's Exp. & other specimens of *P. Popei*. The
corolla is much smaller, tube narrower, lobes erose-dentate;
the stem is taller, the leaves thinner & more numerous. It
agrees well with Thurber's description of *P.
Neo. Mexicana*, which, however, I have not seen
Lest I should have sent *P. Popei* in my hand
by mistake I send a Sprig of flowers inclosed.

One more favor I venture to ask & that
is a character of *Leucanthemum Newberryi* –
genus & species – brief though it be. I do
not like to insert the name merely. I know
your time is very valuable & labors manifold,
but I trouble you but seldom.

With many thanks for your kindness
past & present, I remain

Yrs. very truly,

Thos. C. Porter

Easton, Pa.,
April 10, 1874

My dear Professor,

I received yr. favr of the 4th & can only again express sincere regret that the proper acknowledgment of the aid derived from Mr. Watson's Catalogue in the preparation of our Synopsis was overlooked. Wholly free from any intent to do him injustice or to rob him of the credit due to his labors, I feel deeply mortified. As the work is already published, it is too late to make any change, & I suppose I must bear the burden & the loss of good-will on the part of those whose esteem I have so highly valued.

Yrs. very truly,

Thos. C. Porter

Easton, Pa.,
April 11, 1874

My dear Professor,

I rec'd yr. kind note this evening & hasten to reply. I am perfectly willing to have a line added to Prof. Eaton's notice & have put it into this shape, which I leave to you to modify at your pleasure

Prof. Porter desires to express his sincere regret that, the full amount of his indebtedness to the labors of Mr. Watson & Prof. Eaton as published in Mrs. Watson's Catalogue, an acknowledgment of ~~the mistake~~ especially in the transfer of amended descriptions of Genera, was overlooked & omitted in his preface to the Synopsis of the Flora of Colorado & takes this opportunity to make what amends lies in his power.

I hope that this will meet your

approval & that the entente cordial will be restored.

I hope too that my letter may reach you in time.

Yours very truly,

Thos. C. Porter

Easton, Pa.,
April 15, 1874

Dear Professor,

I received your two postal-cards yesterday & thank you a thousand times for your kindness in relieving me from the embarrassing position into which I was betrayed by too much haste & forgetfulness. Hereafter, I shall take special care to give no ground for a similar complaint & endeavor to make amends for what has been done. Mr. Watson's letter to me was kind & generous, & the offer of peace I accept in the same spirit in which they are tendered.

Thanks for the botanical notes from Silliman's Journal & Dr. Darlington's interesting paper!

Your two articles in the Nation upon our Insectivorous Plants

have been read with great pleasure.
Their apparent discrimination in the
choice of food, & especially before brought
into contact with it is most remarkable,
& if confirmed by further observation
will open a cunning field for speculation.

For some years I have been watching
the Drosera & have a leaf of D.
rotundifolia on which is a skeleton
of a good-sized mosquito with its
legs pinioned down by the curved
hairs. Usually the hairs converge
upon the smaller insects & press them
toward the centre of the leaf & the
question may be started whether the
leaf secretes a solvent like that of
Dionaea or whether the dew on the
tips performs that office. In older
leaves the hairs often rise again, but
I have never seen any dew upon them.

Yours very truly,

Thos. C. Porter

Easton, Pa.,
April 17, 1874.

Dear Professor,

I have your favor of yesterday & am sorry to learn that my trouble is not over. For the omission of acknowledgment in the Synopsis, through haste & negligence on my part, I am alone responsible. Dr. Hayden never gave me the least hint in that direction & would have printed anything from my pen, & Mr. Coulter, who acted as my amanuensis, is, I am sure, free from all blame. Of any combination to rob others of the credit due to them or to ignore their labors I am utterly ignorant. With Mr. Cope I have no intercourse & disapprove of his doings, & shall be exceedingly pained, if a handle is made of my case, combined with his misdeeds, to do injury to myself & others. For Dr. Hayden I have only worked as a botanist & have no share in & no knowledge of his enmities & battles — & mean to keep out of them if possible. I think with you that "Scientific jealousies are detestable." Hence I shall not fight, but bear my burden, whatever it may be, in silence. Those who are stirring in this matter have all the advantage — & rather than be worried & disturbed in this way, I would prefer to retire from the botanical field altogether & devote myself to other pursuits.

Yrs. with sincere regard,

Thos. C. Porter

P. S. — From our long & peaceful botanical intercourse, I am sure, you know ~~that I would~~ that I would not commit any intentional wrong against my fellow-workers & would be very ready to repair, as far as in my power, any accidental mischief of the sort. Much less would I lend myself as a tool to others to do this thing.

T. C. P.

P. S. — I trust that your kindly efforts to make my peace with those who are dissatisfied may yet prove successful & I shall remain ever your debtor.

T. C. P.

Easton, Pa.,
May 1, 1877.

Dear Professor,

I am helping Rothrock with some of the Orders for his forthcoming volume amongst them the Polemoniaceae — & have your letter of April 5th discussing his Gilia, no. 415. I think it a form of G. aggregata, & that species, notwithstanding its affinities with G. coronopifolia (from which it differs in having seed-coats with spirecles) should be transferred to Collomia. An examination of all my specimens of G. aggregata, from various points in Colorado, Utah & Wyoming, shows that in most of them the stamens are included, & unequally inserted, & sometimes very much so, & even in the few cases in which they are crowded to the top of the corolla-tube & exserted, they are more or less so. The calyx-teeth are also very variable, & the length of the corolla-tube, the limb of which is inclined to be salver-shaped when the stamens are inserted high up. Its color too ranges from pure white to light pink & deep red, the lighter tints often mottled with spots of a deeper hue. This variation in the flowers is remarkable. — Enclosed you will find specimens. Tell me what you think of them.

Yrs very truly,
Thos. C. Porter

Easton, Pa.,
June 22d, 1877.

My dear Sir,

I have your note of the 20th. Please accept my thanks for the botanical information conveyed. The supposed Ellisia was a hasty guess without careful examination. It is surely Polemonium micranthum, as I have it from Greene. Do me the favor to inform Porter & Gray that I shall be very glad to receive the advanced sheets of the Il. N. Am., which he has so kindly offered to send me.

Yrs. very truly,

Thos. C. Porter

P.S. – Accept my thanks also for the last No of yr. Contributions, which reached me just after my letter was mailed.

Saxifraga Canadensis. St. Hil. Fam. Nat. I. 479.

Cicutaria maculata, L. 470

Panax quinquefolium - 464.

Aralia spinosa } 463
racemosa }

Cornus alba, Ehr. 460

Viburnum dentatum 459

Viburnum rubrum - 458

Biervilla Tournefortii, Mx. 457

Symphoricarpos vulgaris, Mx. 455

Triosteum perfoliatum 455

Cephalanthus occidentalis 451

Mitchella repens 449

Diodia Virginica 433

Spermacoce Tenuior 432

Houstonia coerulea 432

~~Rubiacia tripetala Ind~~

Partheniun integrifolium 421

Hymenopappus scabiosaeus 420

Gaillardia bicolor - 415

Rudbeckia laciniata, 417

Helenium autumnale, 411

Helianthus multiflorus, 416

~~Silphium~~ asteriscus 416.
perfoliatum

Polymnia ~~Uvedalia~~ canadensis 412.

Silphium Canadense, 399

~~Scabiosa Canadensis~~, 399

Lobelia cliffortiana 370

Cardinalis

Gaultheria procumbens 361

Clethra alnifolia 360

Ilex verticillata 356

~~Ilex tinctoria 355~~

Ligustrum latifolium 355

Rhoiva Canadensis 355

Menziesia ferruginea 354

Cyclamina amplexicaulis 336

Convolvulus macrorhizus 334

Apocynum androsaemifolium 332

Apocynum cannabinum 331

Trachelium rugosum 311

Campanula divaricata 311

Pentstemon hirsutus 316

Polemonium reptans 313

Phlox paniculata 313
maculata 312

Ehretia mirabilis 296

Phacelia bipinnatifida 296

Hydrophyllum Virginianum

Easton, Pa.,
Nov. 2, 1877.

Dear Professor,

I received your postal-card to-day asking about Gilia aggregata. In Rothrock's forthcoming Catalogue of Wheeler's plants I have transferred it to Collomia, with a note, of which the following is the rough draft. "An examination of a goodly number of specimens of Gilia aggregata, Spreng. from different stations in the Rocky Mtns & California brings to light a character in the species which seems to have been overlooked — the unequal insertion of the stamens, & the degrees of variation in this respect are remarkable. In extreme cases, on the one side, they are included in the tube of the corolla & very unequally inserted, at points wide apart, from the base upward; on the other, crowded toward the throat & more or less exserted. Then the insertion is sometimes, or, perhaps, appears to be, equal. In one specimen of the kind from California, it would be hard to say that the filaments in some of the flowers

do not start from the same horizontal line, whilst in other flowers, on the same stalk, the insertion is manifestly unequal. Now, as the main character which separates Collomia from Gilia is the unequal insertion of the stamens, I have ventured to transfer this species to the former genus, to Dr. Gray's Section Phlogantha."
I may err in my judgment & do not desire any cross-firing. If you can give a better solution of the problem I shall accept it with pleasure. Rothrock is going off with the Woodruff Expedition & has directed that the proofs of my work shall be sent to me & any corrections or alterations can then be made. I am looking for them every hour. — Gilia cana of Gray, with which G. aggregata is associated, has seeds with at most a mucilage — as in Rev.

Yours very truly,
Thos. C. Porter

Easton, Pa.,
Dec. 19, 1877

Dear Professor,

I have yr. second postal, & since my answer to the first, have looked up my specimens & notes on the Gerardia. When I received it, 10 yrs. ago, from the shores of Lake Erie, I supposed it to be new & intermediate between purpurea & maritima, & hence named it on my label, G. intermedia. As you intimate, I was no doubt wrong in the matter of its [illegible] relationship to maritima, & you were right in discarding the name. Afterward Col. Olney collected for me a large number of specimens near Providence & I intended to make it a subject of special study.

After reexamination, I think it has characters enough to stand as a distinct species & you will be safe in giving it a name, whatever you see fit. Its dwarf proportions, strict habit,

Short erect branches, small flowers (so much smaller than those of purpurea) & so little reticulate above - of a light pink color, sometimes white - three lobes, & the fact that I have not noticed any forms connecting it with purpurea, ought to be enough to warrant a separation. I leave the case in your hands.

In great haste, but very truly, yrs,

Thos. C. Porter

Easton, Pa. July 15 '79

My dear Mr Watson,

I have your card of yesterday. Lilium Catesbæi is reported in Rolls' Flora of Penn. as growing on the Susquehanna near Sunbury. I wrote to Mr. R. asking a specimen but he had not collected it, & I have no doubt in my conjecture that L. Philadelphicum has been mistaken for it is true. I have not heard of it in the Southern tier of counties where it would be more likely to occur.

L. Phil. mostly bears a single flower & sometimes 2. One fr. Penn. in my herb. has 3, & I gathered one on Lake Royale in '65 with 5 large lilies!

L. Canadense with us is occasionally unspotted & of a pale lemon color.

L. superbum is by long odds our finest species. I have it from Bald Eagle Valley in the Alleghanies & from Lancaster Co., where it attains its greatest perfection. I found one stalk over 10 ft. high, bearing from 25–30 lilies. It reminded one of a candelabra & was a lovely object.

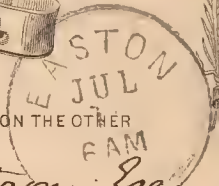
Any help I may be able to give you in your work will be cheerfully rendered —

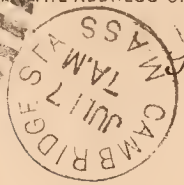
Yrs very truly,

Thos C. Porter

Thomas C. Porter

WRITE THE ADDRESS ON THIS SIDE—THE MESSAGE ON THE OTHER





Serena Watson, Esq.,
(Botanic Garden)
Cambridge,
Mass.

Easton, Pa.,
Oct. 14 '79.

My dear Professor,

I have your letter & the last Contributions, for which please accept my best thanks.

Dr. Darlington has somewhere quoted Schweinitz as saying, that, if any botanist should commit a very grave offence, the most fitting penalty conceivable would be to prepare a monograph of the Solidagines. On looking up the golden-rod collected near Monticello, Ga., Sept. 1846, I find on the label, "Solidago bicolor, L. (fide Gray)", & that I had sent it to you with this note - "Is not this a new species? I should be glad to have your opinion. If new, you are at liberty to publish it". Its affinities are certainly with Squarrosa, of which it may be a variety, as you are inclined to make it, but it seems to me to have characters enough to enable it to stand alone. The stem is less stout - the leaves narrower, thicker & scabrous - the habit of the panicle is different, far looser, with the lower branches often much elongated & bearing interrupted clusters of fewer heads - pedicels with fewer bractlets - scales of the involucre not squarrose, the scarious margins entire or

nearly 20 yr & then, as you have observed, Middle Ga. is beyond the range of Squarrosa. The latter species as we find it in Penn. prefers the mountains, & grows on steep, rocky hillsides, & when the branches of the panicle are elongated (as they sometimes are, as well as those of bicolor) & they spread & preserve their virgate habit. Last year I met large numbers in this condition in one locality, & some of the branches were fully 8 inches in length.

Fortunately I collected a goodly stock of my Monticello-plant & send you specimens by mail to-day & along with some S. crassa, gathered by Shriver, near Wytheville, which, because of its hairiness, seems to lean towards S. Curtisii. — If I can be of any service to you in working up this difficult genus or any other of the Compositae, it will be rendered with great pleasure.

Yrs very truly,

Thos. C. Porter

7C Porter

Easton, Pa.,
May 20, 1860.

Dear Dr. Gray,

Mr. Martindale sent me your letter & that of Baron Eggers, which I now return as requested.

Barber wrote me shortly after his arrival in Porto Rico. & I have heard nothing from him, nor of him since. His silence is, indeed, a reason for anxiety, & yet I do not give up hope. In his state of physical debility, he would be compelled to work slowly, & in the midst of a flora so rich & new, his desire would be to secure as much as possible; & this may have induced him to delay writing - or else, his means of communication with the sea-board from the interior may be difficult & uncertain. If any ill has befallen him, I shall deeply regret it.

Baron Eggers scheme for the Exploration of the W. Indies is a grand one. I know a young man who, I think, would just suit him as a collector - Robt. G. Beckdolt of Seidersville, Northampton Co., Pa. His parents are foreign Germans. The father was a janitor in our College for some years after my coming to Easton. I know the family well. Without much education, Robert has an extraordinary love for natural history & has

picked up a large amount of knowledge of animals, plants & minerals in a practical way. He has a keen eye for new forms & great skill in preparing specimens - time will just which is needed. His health is good. He is thoroughly honest & reliable & industrious.

He was sent some years ago by a Nat. Hist. Soc. in Lehigh University to S. Texas & spent the summer in collecting around Matagorda Bay - & brought back a large pile of plants, which I have glanced over with covetous eye, but could not obtain the privilege of working up, & there they are stuck in some hole to this day - The same Soc. sent him to Brazil & he travelled up the Amazon 1000 miles & made extensive collections, but his plants were never examined by a competent botanist & are stored up with his Texan gatherings, & both by this time may be riddled by insects. - I believe he would eagerly accept an offer of a position as collector under Baron Eggers for a fair compensation & would do excellent work.

- Thanks for giving my name to the Colorado Aster, even though it be an humble member of the genus! - I should have acknowledged your postal sooner, but Mrs. Porter has been very ill for two months, & that care of her has demanded all my leisure hours. She is now hopefully convalescent

Toward the end of June I expect to go with Dr. Leidy, Meehan & Mr. Willcox to spend a month or six weeks in the Mts. of North Carolina -

Yrs. Sincerely,

Thos. C. Porter

Easton, Pa.,
Feb. 11, 1881.

My dear Mr. Watson,

Your circular did not reach me. The postal card came last evening & the 2d Vol. of Botany of California this morning. I have given the volume a rapid overview & am highly delighted. You have done a great deal of very fine work in that field. Enclosed is a Postal money-order for $5.

Yours very truly
Thos. C. Porter

Easton, Pa. - July 14/83.

Dear Professor,

I am sorry to report a checkmate in a late effort to reach Pilosella. On the 4th I went with Dr. Green 160 miles by rail to Chambersburg & at 6 am. on the 5th, 10 miles by rail to Greencastle, & thence in wagon 17 m., thro' Mercersburg to Two Top Mtn. The Dr. had forgotten the topography of the region & we did not strike the ravine by which he had formerly gone up. Starting about the zenith, we climbed a spur of the mtn., where in the open woods H. venosum grew in abundance, most of it just flowering with receptacles bare of fruit. Our plan was to cross over from the head of the spur & descend the ravine where Dr G. had gathered his prize in '46, but just as we were ready to do so, about noon, a tremendous thunder-storm rolled rapidly up from behind the mountain ridge to the west & forced us down to the shelter of a farm-house & the steady, heavy rain that followed making further exploration impossible, we fell back to Greencastle. The next day (July 6th) Dr G. was obliged to return home - & I

to Harrisburg. — On the 9th I made a trip fr. Chambersburg, 25 miles by rail to High Rock — at 2000 ft. el. — on Mason & Dixon's line. The day proved wet, with frequent heavy showers. Along the roadside I picked up a Hieracium, which must be H. venosum only. My purpose to revisit Two Top Mtn. the next day (the 10th) for another search was defeated by a telegram which obliged me to return to Easton — & so we failed. It is our purpose to try it again in June '84. July is too late since by that time the plant has fruited & shed its akenes for it blooms earlier than the other species. — On the 20th I go to the Alleghanies to do some exploration with my old friend Lewis & we shall look sharply after the Hieracia — I have had a good botanick of Lancaster on the track of H. Carolin. & confidently expect a supply of specimens from Hillsboro Street, which is only 5 miles from this City.

Yr very truly,

Thos. C. Porter

T. C. Porter

Easton, Pa.,
Nov. 4/86.

My dear Dr Gray,

From my summer-collections I send you to-day a package of plants with sundry notes & will esteem it a favor if you report upon the Asters, which are numbered from 1–11, & ask Mr. Watson to do the same ~~for~~ in regard to the Roses which are numbered from 1–13.

You will find a remarkable form of what I take to be Solidago juncea & have named var. stricta.

In the Synoptical Flora you remark that Mitchella repens is very abundant in the shade of pine-forests. I have never observed this in our region, but, when on a visit to my friend Coulter at Hanover, Ind., in 1876, he took me to an extensive beech-grove near the town & the entire ground ~~was~~ beneath the trees was completely carpeted with it for acres.

On p. 184, under Aster cinereus, you have the name "Muir". It should be McMinn (John M. McMinn), the same person who under Ranunculus hederaceus in your Revision is called "J. M. M. Muir"

Aster azureus occurs in Pa. west of the Alleghanies.

Actinomeris squarrosa is common through the whole State as far east as the Delaware, but it does not cross the river.

Helianthus tuberosus has the same range & occurs also on the N. J. side of the Delaware. It is, no doubt, indigenous, as well as an escape from cultivation here. In the latter case the plants are easily distinguished by their stouter & more robust stalks & larger leaves & flowers — & are generally found not far from gardens.

Ruellia ciliosa, Pk., var. ambigua, Gray I have from Mercersburg, Franklin Co., Pa.

Our Viola tricolor, L. var. arvensis. What is it, I suppose, the same as the European plant that bears that name. Nevertheless, I cannot shake off the conviction that it is native here. I have met with it often in different parts of Pa. & N. J. always in copses or on the borders of meadows, never in broken soil. This is no decisive argument, for other plants, e.g. Trifolium arvense & Cerastium arvense, have changed their habit & habitats on this side of the ocean. But our cultivated V. tricolor is spontaneous from self-sown seeds in our gardens for a year or 10 & then dies out. It shows no disposition to get abroad & only once in my life-time have I found a single specimen in the middle of a ploughed field. The different behavior in its variety is surely singular. — If introduced from abroad, it has outstripped many other species in the extent of its dispersion. It is said to be quite abundant in the Indian Territory & I have it from a mountain-slope in Boulder Cañon, Col., where, says my correspondent, whom I questioned closely in regard to the matter, it must be native.

Yours very truly,

Thos. C. Porter

The following species, of which I have no duplicates to spare, I report as growing in the State.

Ranunculus Pennsylvanicus, L. – May be frequent in the Northern Counties, but I have found it in but one locality, an island in the Susquehanna.

Hypericum pyramidatum, Ait. – Detected this Summer in Lancaster Co.

Erodium cicutarium, L'Her. – Lanc. Co. J. Stauffer!

Ailanthus glandulosus, Desf. – Thoroughly naturalized with us. The seeds come up in our gardens like those of common weeds & in certain localities it has wandered into the fields & woods far from human habitations.

Spiræa lobata, Mœnch. – I have it from Huntingdon Co., from Cumberland Co., collected by Prof. Baird, & this year from the lower end of Lanc. Co.

Opuntia vulgaris, Mill. – From the head of a rocky island in the Susquehanna, Peach Bottom, Lanc. Co.

Tussilago Farfara, L. – Escaped from gardens, at Darby, near Philadelphia.

Arnica mudicaulis, Ell. – From the lower part of Lancaster Co. Darlington also reports it, as growing in Chester Co.

Pycnanthemum clinopodioides, Torr. – Your remark that it is "probably an extreme state of P. incanum" is confirmed by my observations. They grow together with us & pass into each other by insensible gradations.

Hydrophyllum appendiculatum, Mx. – I have from two localities in Lancaster Co.

Rhoradendron flavescens, Nutt. – Found this Summer on two gum-trees in Lanc. Co.; also in Franklin Co., near Mercersburg, on the same tree.

For a long time I have been giving close attention to Aster cordifolius, which is one of the most common & abundant species in Pennsylvania. I find two marked types running through them all, with many intermediate forms.

1. (my no. 10) has the lower leaves, round-cordate, membranaceous, scabrous-pubescent on both sides, with spreading serratures & petioles slightly margined; branches of the panicle crowded; ray-florets deep blue.

2. (my no. 11) has the lower leaves broadly ovate- or oblong-cordate to lanceolate, coriaceous, very smooth & shining like those of A. laevis, wholly glabrous or often with a few scattered hairs, chiefly toward the edges, petioles strongly-margined, ~~pubes~~ serratures less spreading; panicle more open, with fewer heads; ray-florets pale blue or whitish.

The description in the Syn. Fl. has some characters that belong to each. If the first be the original Linnean plant, then the second ought to be recognized as var. laevigatus.

Thos. C. Porter, Nov. 4/86.

Easton, Pa.,
Feb. 10/87.

Dear Dr. Gray,

I have yr. note of the 6th & the letter of yr. Genevan botanist, asking for our Menthas. At yr. suggestion, I shall write to him, & make up for him a parcel, which I will forward to you, as soon as it can be conveniently done.

I am glad to learn that yr. health is good, & that you are yet able to do a full day's work. Steady employment in agreeable lines, & free from undue excitement, must have the effect of prolonging your days — & we have reason to expect much ripe fruit before the end comes.

As for myself, although two years beyond my grand climacteric, I do not feel much decline in physical

vigor. I am not conscious of any loss of mental power. If my life is spared this year longer, I hope to do my best work in that period.

Yrs. very truly,

Thos. C. Porter.

Lafayette College,
Easton, Pa. –

Jan. 12/92.

My dear Mr. Fernald,

I received your note of yesterday & shall be glad to examine & report upon your Maine Aster & Solidagoes.

In 1870 I spent three weeks on Moosehead Lake & collected several plants not then recognized as belonging to the Maine flora. Amongst them were Hippuris vulgaris, Spiranthes Romanzoffiana, & Asplidium fragrans. If you wish a list of the rarer species obtained at that time I can send it to you.

Yours very Truly,

Thos. C. Porter

Lafayette College,
Easton, Pa.,
Jan. 28/92.

My dear Mr. Fernald,

The package of plants which reached me yesterday with your letter, I have examined, & report.

1. Aster = A. longifolius – the heads unusually small.
2. Aster = A. paniculatus, Lam.
3. " = " A. " arvensis, L.
4 Mentha = " M. " arvensis, L. "

a. Aster – Moosehead Lake, Miss Furbish, Aug. '91 – is A. junciceus, L.

b. Aster – On wet rocks, W. Orono, Sept. 20/90 – is A. Lindleyanus, T. & G. – a depauperate specimen.

c. Aster – Dry soil, Leeds Junction, C. Knowlton – is A. ericoides, L.

d. Aster – Salt marshes, Brunswick, Miss Furbish – is A. Novi-Belgii, L.

e. Aster – Sea-shore, Sorrento, Miss Furbish, Sept. '91 – is A. Novi-Belgii, L., var. litoreus, Gray.

As you have kindly given me permission, I shall retain the numbered specimens & return the others in a package which I expect to forward to Mr. Walter Deane

before a great while.

Yrs. very truly,

Thos. L. Porter

JUSTIN WINSOR, *Librarian.*
THOMAS J. KIERNAN, *Supt. of Circulation.*
WM. C. LANE, *Assist. Libr., Catalogue Dept.*
W. H. TILLINGHAST, *Assist. Libr., Ordering Dept.*

HARVARD COLLEGE LIBRARY,

Cambridge, Mass., 15 May 1889.

Dear Sir—

Before completing as far as possible our set of the various publications of the Department of Agriculture, Mr. Winsor wishes to find out what of them are in the department libraries, to avoid unnecessary duplication. Will you therefore indicate on the inclosed list what series you have & receive regularly?

Respectfully
Alfred C. Potter
asst

S. Watson, Ph.D.
Cambridge.

JUSTIN WINSOR, *Librarian.*
THOMAS J. KIERNAN, *Supt. of Circulation.*
WM. C. LANE, *Assist. Libr., Catalogue Dept.*
W. H. TILLINGHAST, *Assist. Libr., Ordering Dept.*

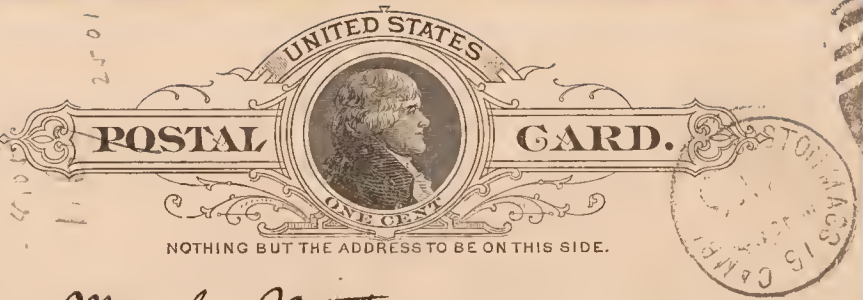
HARVARD COLLEGE LIBRARY,

Cambridge, Mass., 22 Oct. 1891

Dear Sir: — The charge of m 43.70 ($10.43) in Harrassowitz's invoice of May 19, 1890, (requisition 2828) was for binding the set of La Belgique Horticole, 1851-75, 1880, 20 vols.

Yours truly

Alfred C. Potter.


UNITED STATES
POSTAL CARD.
ONE CENT
NOTHING BUT THE ADDRESS TO BE ON THIS SIDE.
Mr. S. Watson
Herbarium
Cambridge
Mass

Arbroath
June 11/91

12. Vinton Street
Ryde
Isle of Wight
England

June 1st. 1891

Dear Sir

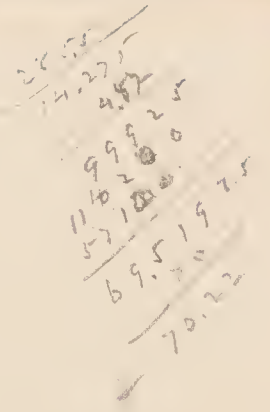
The Szechuan and Tibetan Plants have been put into Sets by Kew and each Set is numbered and each parcel marked. When Kew have determined the Plants a numbered list will be forwarded by Kew through me corresponding to the numbers on the Labels in each Set. The following Sets are for disposal price 5/- per hundred specimens. Kew have taken Set 1 + Calcutta Set 2. I have just received the remaining Sets from Kew and write to you thinking you may like to have a Set. Faithfully yours

S. Watson Esq

over

A. K. Pratt

	numbers
Lot 3 —	571
" 4 —	410
" 5 —	321
" 6 —	246
" 7 —	194
# " 8 —	151
" 9 —	118
" 10 —	92
" 11 —	74
" 12 —	71
	2251



P.S

Collected by me at an altitude of 8,000 to 13,000 feet. Have purchased at the same price as Calcutta. They are all of equal quality.

12. Hinton Pl-
Ryde
Isle of Wight-
England
June 30th 1891

Dear Sir,

In reply to your letter of June 11th. I am sorry to say Lots 1. 2. 3. 4. 5 & 6. have already been disposed of; I having written several letters the same day, and as the replies came the Lots were forwarded. I am sorry your letter was too late, but- I at- once sent you Lots & via Boston and directly I obtain the duplicate

Pratt

A/L according to the printed instructions you enclosed I will forward it without delay. Lot 8 contains one hundred and fifty one specimens at 6 each price £3. 15. 6. I am now engaged on the MS of my book of travel in China & Libel after I have finished I propose to make an expedition to New Guinea and shall be open to receive subscriptions for the plants. I mention this in case you may wish to subscribe.

Yours truly

A. R. Wallace

Elen-Ezer the 8th Jan. 1845.

Asa Gray Esqr

Cambridge!

Dear Sir!

Yours of the 22nd ult. last with the drawing inclosed, has come to hand. — On the 6th inst. I received a second drawing from Prof. Sullivant in which he promisses more work and the sending on of some more Tablets soon. He likewise appoints the time in which he wants the Engravings done, and I shall take pains to finish them soon, and well. I might commence immidiatly if my sore hand, which I got through a fall on the Ice, would allow, but so, I must postpone it for a little while, and meanwhile attend to painting. Myself and Son are very busy now in order to finish so of the Engravings which you desire.
The Pallardia-Amblyodon gives us much trouble, and because it is such a handsome plant we wish to do it well, which is the reason of being under the nessessity to work slow, and thus we are not able to paint more than five or six plants per day, and therefore would ask you if $10.— per hundred would be too much? — The Pohlia Conradii is likewise a very difficult plant and is certainly worth at least $.7 per hundred tablets. Please let me know in your next your opinion in this respect. I am a poor man with a large family and am indebted to the Society for my passage cross the Ocean and shall therefore need the more your Sympathy in future restoreing the series. — —
In the latter part of next week I intend to send you the red colored tablets, and also the requested black ones with the Rail-road, and shall go at work with the others immidiatly.

Respectfull

yours &c.

Joseph Prestele

P. S.

Hereby I inclose an Impression from the first unlucky drawing of the Gaillardia-Amblyodon I presume it may be after all good enough for colouring, since the unclean and defective places might be covered with paint, and the analysis are good. In this way the defective Impressions were not intirely lost. So the 50 first coloured Tablets I used such Defectives. Yet, You may direct me concerning this in your next.
Of the inclosed tried plants Dear Sir: I ask of you the favor to give me the names of them if you please.

Respectfully

Yours &.

(10

To Asa Gray Esq.
Cambridge
near Boston
Mass:

Answ.
Feb. 7.

Ebenezer, near Buffalo, January 1845.

Dear Sir,

When I left Germany for this country in the fall of 1843. to settle with my family here co-jointly with a community of religious friends from the same part of the old country, where I formerly resided, I was kindly furnished by my friend Zuccarini, professor of Botany at the University of München in Bavaria, with a letter of recommendation directed to you at New York.

During our short stay in that city I took some pains to find you but was informed that you had left there and reside now in Cambridge, near Boston, Mass.

On my way from New York to Buffalo by the Rail Road I was so unlucky as to loose my pocketbook and with it the above mentioned letter for you, which circumstance deprived me of the pleasure to forward the same to you.

I now take however the liberty of addressing you a few lines and giving you some information about myself with the fond hope that you will please to receive it kindly.

Since the year 1816. up to the time of leaving my country for the United States I was engaged as drawer and painter of plants in the royal botanic Garden at Munchen. The Director of that Garden at that time was Dr. Schrank, who edited in the years 1816 — 1820. a work on plants of 100. folios gr. median, entitled: "Plantæ rariores horti regii Academici Monacensis."

F. O. B.

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for which work I furnished all the Originals by drawing, painting and engraving the same.

In the same year 1816. Spix and Martius went on their voyage to the Brasils by order of the King of Bavaria, for the purpose of exploring and collecting in that rich countray all the accesible treasures of nature. The two physiologists above named returned after 4 years' researches and brought with them a great many things of the vegetable creation. Mr Martius as co-director of the botanic garden at München Edited then several works on brasilian plants; the first of them was in gr 4° entitled: "nova genera et species plantarum brasiliensium" 200 folios, for which work I did the drawing, painting and lithographic part as also for some other works on palms, ferns, trees and officinal plants known in the Brasils and in medicinal use. I have no doubt that you have become acquainted with some of those works and I mention the above facts only for the purpose of making you somewhat acquainted with what my principal business is, as I am desirous of an opportunity to find Employment in this country in the same branch and I would feel very thankfull for any afsistance that you would be kind Enough to render me herein.

During last summer I was engaged in collecting some flowers and herbs of this country's growth and intend to do so again this summer with a view to lay a foundation to a botanical work or flora americana, by painting them according to nature. The difficulty however very often occurs, that I am unable to define the names of all such plants,

J. O. B.

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flowers and herbs that I collected.

I would therefore ask you respectfully, if you would permit me to send you some of those plants, dried and some painted, and to ask the kindness of you to define their names as far as you may be acquainted with the same, and also to inform me, which of them are new and have not yet been published in lithographic prints or paintings.

I am myself unacquainted yet with the English language and got a friend to write this for me, as I do not know whether I could address you in the german language.

I beg to tender you my services whenever you will afford me an opportunity to render any a[illegible] Solicit an answer from you to this as soon as

I remain, Sir,

with great Esteem

your obed.t servt.

Joseph Prestele

Mahn

To

Asa Gray Esqr

Professor &c

Cambridge

Mass.

Mr Lyman

Dr

Jos Lovell Esqr.

Secretary of State

at the University

Cambridge

near Boston

Mass.

Eben Ezer near Buffalo den 5ten April 1865.

Answ. 24 May

Sehr verehrter Herr!

Ihrer werthen Zuschrift befindet sich noch immer in Albani, die Sache pressirt, Ihnen nochmal deutsch zu schreiben, verlohnt sich nicht, wenn er wieder hier ist, nicht mehr gesprochen wird.

Ihr sehr werthes Schreiben vom 16 März habe ich richtig erhalten. Ich bedaure sehr ihre Unpässlichkeit, und wünsche schmerzlichst daß Sie bald wieder vollkommen werden genesen seyn. Es ist mir sehr leid, daß Sie sich bei Ihrer Unpässlichkeit so viele Mühe machten, und mir die vielen Namen der getrockneten Pflanzen aufschrieben. Ich bin Ihnen sehr dankbar und verbunden dafür.

Was nun die Preise für das botanische Instrument betrifft, so ist es etwas schwer, zum voraus genaue Preise bestimmen zu können, weil sich dieselben nach der Länge oder Wichtigkeit mühsamer Bearbeitung richten. Ich habe in diesem Fache schon sehr viel und für verschiedene Leute gearbeitet, und alle waren jedesmal mit den Preisen, die ich nach geschehener Arbeit machte, sehr zufrieden, und ich bin gewiß daß Sie ebenso damit zufrieden seyn werden. Auch habe ich einen Sohn von 17 Jahren, der viel Lernt und Talent für mein Fach hat, und mir, besonders beim Malen schon sehr an die Hand gehen kann. — Uebrigens habe ich in meiner christlichen Gemeinde, die nahe seit 2 Jahren sich eine ganz neue Organisation hat, und die nicht um äußerlicher Zwecke und Absichten willen sich selbstständig abgewandert ist, sondern allein nur um des Glaubens und der reinen Wahrheit willen. —.

Um Ihnen aber das einzige Maaßstab zu geben von den Preisen für meine Arbeiten, so bemerke Ihnen folgendes. Für das Pressen einer der deutschen Giftpflanzen, welche Sie in Händen haben, und wo wenig Ornalissen dabei sind, habe ich 2 bis 3 Dollars erhalten — Martens bezahlte mir für die Nova Genera Ubis 5 Dollar. — Für die Tafeln von Bischoffs Synonimologie erhielt ich, 5 bis 10 Dollar für die schönsten — —.

Den letzten Band von Bischoffs Thereminologie besitze ich nicht zweimal. Jedoch würde ich das ganze Werk verbrauchen, wenn sich ein Liebhaber fände — um 8 Doll.

Auch wünsche ich Sie, mir gelegentlich zu sagen, ob es hier einen Nomenclator giebt, in welchem nebst den botanischen Namen der Pflanzen, auch die englischen stehen? —

Endlich möchte ich noch fragen, im Falle Sie mir gütigst etwas zum Pressen schicken wollen Sie selbst für die Preise besorgt seyn, und mir Anzahl zusenden, oder falls ich sie mir in Buffalo zu verschaffen suchen. Ich werde mich erkundigen, wie und um welche Preise sie zu haben sind. —

Indem ich Sie nun freundlichst, und mich Ihnen empfehle, bin ich mit aller Hochachtung

Ihr

ergebenster Diener Jos. Prestele

BUFFALO
APR
3
N.Y.

PAID

Asa Gray Esq^r

Professor Nature Hystory

Cambridge

near Boston. Mass.

Anmd
Lfg 27

Lieber verehrter Herr!

Ihr werthes Schreiben vom 24 May habe ich richtig erhalten, und erwidere nun folgendes darauf

Ich selbst habe keine Zeit, nun Bücher abzuräuben zu können. Ich habe aber bezüglich in Buffalo einen Lithographischen Anstalt besucht, die mir gut gefallen hat; die Besitzer heißen Hall et. Money. Bücher hoffe ich mir selbst zu verschaffen. Sollte ich aber Hoffnung und Aussicht haben, mehrere Bücher wöchig zu haben, so bestelle ich sie in Deutschland, wo Ort und Stelle selbst, wo ich gut bekannt bin, und kaufe sie mir durch gute Gelegenheit sicher kommen; ich hoffe sie dann um den selben Preis billiger zu verschaffen, als sie jetzt kosten. Ich verweise in einigen Wochen einen Freund gerade aus Deutschland, welche mir in meinen Geschäften ziehen; diese sollen mir, wie ich schon vor geraumen Wochen bestellt habe, die paar Kisten mit Bücher mitbringen —

Sobald ich mein Arbeit fertig habe, lasse ich Probeblätter machen, und schicke Ihnen dieselbe zur Probe und Correctur. Alles Weitere wird sich dann von selbst geben und ordnen —

Das Georginen wird mir Anfangs schriftlich etwas schwer fallen; ich habe nun 2 Jahre lang nichts mehr gearbeitet, mit der Nadel nicht Brin, sondern andere schönere Arbeiten, wodurch meine Hände gänzlich steif und schwer geworden sind.

Herr Dr. Torrey hat mir viele Arbeit angetragen, ich warte täglich auf Nachricht von ihm

Die Bücher sind hier, gegen Deutschland, ziemlich sehr theuer. Ein Buch, von 2 Fuß Länge und 1½ Breite kostet nicht in Frankfurt 1 Thlr 20 Ct. hier in Buffalo 6 bis 8 Thlr. — Jedenfalls werde ich mich nach New York wenden, und mich dortan dieß Verhältniß um den Preis vorschiedener Formate nähe erkundigen —

Ich denke, alle Bücher und Packete können nun billigsten mit den Canalbooten von Albani nach Buffalo geschickt werden. Nur leichtere Packete, die schnell kommen sollen, werden durch die Post express geschickt werden müssen —

Nächstes zum Vergnügen habe ich einen großen Vorrath. —

Ich grüße Sie freundlichst und vielmal, bin mit aller Hochachtung

Ihr

Eben Eger bei Buffalo den 12t Juni 1845

ergebener Diener Jos. Prestele

PAID 25

Mr Asa Gray

Professor of Natural History

Cambridge

near Boston Mass.

for

Ebenezer, near Buffalo, August 7th 1845.

Dear Sir,

Your favour with the Drawings came safely to hand and I will now engrave those for you and also those for Mr. Gray, whom I have also addressed by this mail, as speedily and in as good a style as possible, and forward the proofs to you with the original drawings.

I have received from Germany by some of our newly arrived friends some lithographic Stones.

I should have liked to be informed whether you intend to have the printing work of your Drawings done in Buffalo or in New York, the printers generally don't like to print only the proofs if they are not promised the whole job. Of the first Stone I will have the proofs printed in Buffalo and then send them on to you immediately.

Respectfully

Your obed.t servt.

Jos. Restelej

To

Asa Gray Esqr.
Cambridge.

Sent. "Two Hemipt. — Carolina
& proof sheets —

Aug. 14th — mail

BUFFALO
AUG 9
N.Y.

Asa Gray Esqr

Professor of Natural History

Cambridge

Mass.—

Ebenezer, near Buffalo, September 2d. 1845.

Dear Sir,

I hope you will have received ere this the package sent you with the 4. proof sheets and 1. Copy of "poisonous plants" and have now the pleasure of sending you the proofs of the two Drawings last received from you; the prints that will be struck off next will become more perfect than the first ones.

If you wish the engraving done in finer lines please to say so and I will do it.

For the engraving of those two plates I charge you $5.00

If you would let me have the colouring of the prints I could do it for you @ $5 ~ per hundred in a handsome style.

I hope you will not forget to send me a sample of the size of paper you wish the prints struck off on from the Stone and also a sample of the form and size you want the text or names Engraved for the same.

Respectfully

Your obed.t ser.t

Jos. Postels

Asa Gray Esqr.
Cambridge

Ebenezer, near Buffalo, Octbr 5th 1845

Dear Sir,

Your two favours as also the package came duly to hand; I have already commenced the engraving of the drawings you sent me and shall do it in finer lines as the former ones, especially the analysis in the back ground as directed. for Martins I had to engrave in heavy strong lines and was therefore used to.

For the plates of Mr Emmerson I have no stones of the proper size and have ordered four Stones for the same from Mr Endicott; after having received them I can fix the price for Mr Emmerson.

The result of an interview I had yesterday with the lithograph in Buffalo is that he will do the printing as cheap as Mr Endicott, but we could not find the paper of the requisite size & quality; I enclose the fourth part of a sheet, being however a few lines shorter in lenght & breadth than the sample plate N° 1. for which they ask $12:00 pr ream in Buffalo. I would like very much that you would order the Kind of paper you want, to be sent to

Messrs Wall & Romney, Buffalo
Main Street N° 266

Either through Mr Endicott or some other of your friends in New York, as that Kind of paper I find can hardly be bought in Buffalo and besides the price is cheaper in New York.

I will attend to the execution of your work as you prescribed in the best manner possible

and remain very respectfully

Your obed.t Servt.

Jos. Priestley

Asa Gray Esqr

Cambridge

Ansd
Upon Sep.

Ebenezer, near Buffalo, Octbr. 18th. 1845.

Asa Gray Esqr.
Cambridge

Dr. Sir,

In answer to your favour of the 15th. inst. I beg to state that in my opinion the paper according to sample N°. 1. should be made use of for the impressions to be coloured and the paper as sample N°. 2. for the impressions that are not to be coloured, and in that way both Kinds would be used; should you however prefer to have only one Kind of paper made use of, I leave it to you to decide which Kind to take.

As Thermopsis caroliniana was engraved too heavily and could not well be altered ~~without~~ injuring the other part. I have ground off the Stone and engraved anew; I hope it will now be more satisfactory.

I have also since finished 6. other plates and send you herewith a sample of the impression; the printer has furnished one in the hurry but with one copy, which is not a very good one. As you value this work highly I have done the Engraving with great care, in fine lines, especially the Analysis and will continue to do so the whole of it; the further copies or prints I expect to turn out so as to please you better. Having no stones that would answer

for the two drawings you sent me last and neither for those of Mr. Emmerson, I ordered 8. Stones under date of Septbr 23d from Mr. Endicott, who has sent them to my surprize by the Rail Road Express, under a Charge for freight of $ 20:00. which after many explanations they put down to abt. $ 17:00. I have however not yet received the Stones as I cannot pay so high a Freight on them and have written to Mr. Endicott to inform me how it comes that the Stones have been sent by so costly a conveyance and why they were not sent via Canal.

I hope however this untoward circumstance will not retard the progress of your work, untill I come into possession of the paper for your plates I will have the Stones Engraved, and after that I will engrave the plates for Mr. Emmerson.

Mr. Endicott charged me 8 ℔. pitt for the Stones, but not Knowing yet the weight of the single Stones I cannot yet fix the price for Mr. Emmerson.

Very respectfully
Your obedt. Servt.
Jos. Prestele

To the Rev.d

Asa Gray Esq.r

Professor Natural History

Cambridge

near Boston Mass.

Answd. Nov. 28—
+ Check for
$36. enclosed

Ebenezer, near Buffalo, Novbr. 21st. 1845.

Dr. Asa Gray
Cambridge.

Dear Sir,

The box contg. your paper has arrived in Buffalo on the 18th inst; it has been long on the route but was not so promptly forwarded as you mentioned.

I received also the proofs with the originals and will attend to the corrections required. I enclose the proofs of the last two plates. Shall I not in future in engraving the plates replace the analysis so that it would correspond with the numbers in successive order? I had to do so in the Engravings for Mr. Martins in the old country.

In your last letter you order 400 copies on sized paper, but in a former letter you mentioned but 200, is it your intention, to have 400 Copies struck off but only 200. coloured?

I received from Mr. Sullivant of Columbus O. a letter enclosing a few lines from your goodselves and I send him to day the proof sheets ordered.

Mr. Endicott sent me 8. Stones of different sizes wghg abt. 500lbs. per Rail Road Express, for which they charged me $20.— Freight. I had ordered the Stones but not given any instruction to send them by so costly a conveyance. I wrote to him abt. it and he answered that as the mistake had been made by his Carman, he would make a deduction of $10 from his Bill;

the Express made a reduction of $3½ on the charge of $20,
and the balance I had to pay myself.

Mr. Endicott charged me 8 cts. pr. lb. for the Stones, which I consider a high price though they are ground on both sides.

Should Mr. Emmerson want three of those Stones I would let him have them at the cost price.

I annex to day the Bill of the work done for you up to this time. In regard to my charge I would remark that you will perceive that the price of $5. for two plates like the Thermopsis, cannot be the regulating price for engraving the other plates as it requires a great deal more time and labour to engrave such plates as the Gaillardia, Obolaria, Oakesia, Sullivantia with the many fine Analysis to them. I hope therefore you will not find the charge of 4 Dollars for each of these four plates unreasonable; the remaining four plates I charged the same price for as for the Thermopsis although some of them are a little more difficult than the latter.

As I expect more drawings from Mr. Emmerson I will not make out a Bill for him yet.

I will now immediately attend to the striking off of your last plates and get Hall & Mooney to do their best in making good impressions. The Gaillardia is also not so well printed as I expected, though the Engraving was done with great care.

Shall I have coloured first 50. Copies of Each plate so that you will sooner receive complete Copies of the whole or wont that make any difference?

Respectfully Yours.

Jos. Prestele

Acer rubrum.
Do spicatum.
Aesculus parviflora.
Do discolor
Do glabra.
Robinia pseudacacia
Do viscosa.
Gymnocladus canadensis.
Gleditschia triacanthos..
Prunus americana
Do chicasa.
Cerasus virginiana
Do pennsylvanica.
Cerasus serotina.
Cercis, canadensis
Pyrus coronaria.
Cornus alternifolia.
Tilia americana.

Ans.
Decr. 22.

Ebenezer, near Buffalo, Decbr. 5th 1845

Asa Gray Esqr.
Cambridge

Dr Sir,

Your favour of the ult.o enclosing a Draft for $36 7. on Boston in full for my Bill rendered came duly to hand, for which please accept of my thanks.

Your letter to Hall & Mooney I delivered them and was very glad that you have written them yourselves; they promised me to do the printing for you with care and in good style; I feel now more easy about their part of the work and hope that you will also be satisfied after receiving the same. They made since 200. impressions of the Thermopsis rotata and caroliniana, which are very fair; I have already commenced to colour them; of the newly engraved Thermopsis caroliniana I enclose a proof hereby.

The impressions on sized paper are not so dark of Ink as those on unsized paper, as the latter takes more ink; I prefer however those for colouring a little weaker as the colours show them better.

After having finished 50 Copies of Each plate I will forward them to you with the originals in the cheapest possible way I can find, perhaps through some trading house in Buffalo

Respectfully

Your obed.t Servt.
Jos. Prestele

Answd Feb. 8th.

Eben Ezer Jan 24th 1846.

To Asa Gray

Cambridge.

Dear Sir!

After many delays and after having experienced various troubles with my work I am now able to forward to you the Impressions desired, and fifty plates besides. The Sample, inclosed with the Originals, I intended for you. You will find 50 plates and papers glued, and 150 and papers unglued. The work is not done to my satisfaction and I hope things will be done better in future. Will you therefore have some forbearance and not charge the bad work intirely to me. Messrs Hall and Mooney have undoubtedly done to the best in their power, yet they have not Experience enough in this kind of printing, and their printer does not take pains enough in his laying on the paint; Which is the cause of having so many Impressions come off so pale. I have been myself in Buffalo and tried to assist them, but since I only understand that kind of work in Theory, and not in practice I could not alter things to my Views. I hope however for the better, and think after a little more exercise in such work, all will turn out nice and good. — With the Gaylardia I experienced much trouble. Mr. Endicott did send me none but white Stones which are badly calculated for such work. After receiving back the Impression, I tried to correct the Engraving, and as usually in mending such work, the Lines became too deep, which obliged me to go over again the whole and to whet out intirely all the corrected Leaves, and to make them new. Now after having done so, I expected all was well, but the impressions came off bad after all. Now I knew no better way than to whet out the whole plant, and to engrave it again. So I did, and thought all was well now, but I was mistaken a second time, for the Impressions did not appear as I thought they would. This brought confusion over me and in the haste of doing my work I misplaced the names of Mallis & Caroliniana, and now I had to alter these, what you very probably will notice. In Short, Dear Sir, I suffered a great deal on

account of seeing that I was unable to do Things Well for you. —
Another bad circumstance is, that the Stones are a little too Small which occations the misplaceing of the numbers too near the Edge of those Sheets which are 1/20 an inch too Small. This is also the reason of having the two black tablets for the coloured Collection of the Sullivantia and Swinitia printed on paper glued!
And now in concluding my letter I would ask of you the kindness, to send me a description of the colours of the Sullivantia, becaus I should like to paint One or Two Tablets of it for you and Mr. Sullivant. I received already 3 Tablets and expect to receive four more by the end of this month all of which must be done by March next. If the colouring of the Tablets should not be altogether correct I wish you would let me know it specifically in order to avoid incorrectness in future.

I hopes that you will forbear where Things are for this Time not as they ought to be, I remain

Dear Sir!

Your Most H.ble Servt

Jos. Priestley.

To Asa Gray Esq. of Cambridge

To Asa Gray Esq.
Cambridge

Ebenezer, near Buffalo, July 31st 1846.

Asa Gray Esqr.
Cambridge.

Dear Sir,

After having examined all the sized prints of your work, which are to be coloured yet, I find about 50. Ex. of the Brazoria truncata wanting.

When I forwarded to you the first impressions I forgot to add the 50 plates of the Gailusacia ursina on sized paper; I may have sent you at that time 50. pl. of the Brazoria too many. Will you please to examine into it and let me know, so that if they are actually wanting, I could let them be printed.

In a few weeks I expect to see arrive a friend of ours from Germany, who is a printer on Stone and who will bring with him an assortment of lithogr. Stones; it is probable that I may went to New York to receive him, when I at the same time would buy a lithographic press, so as to be able to do the printing myself hereafter.

I would thank you to inform me, at what time you can send me a number of Drawings of your new work, whether you will buy yourself the paper for same or whether I shall order it from New York, in the latter case I want to know the exact size and quality; and also whether you can decide on the number of impressions you want or how long must the Stones remain, before they can be ground off for other use.

During next week 50 sheets will be got ready coloured again.

I remain very respectfully

Your obed.t serv.t

Jos. Restell

10

Asa Gray Esqr

Professor of Natural History

at

Cambridge

near Boston Mass.

Ebenezer near Buffalo Dez. 4th 1846.

Asa Gray Esqs
at
Cambridge.

Dear Sir!

Yours of the 18th inst. I received, and likwise the four drawings soon after my last to you, also the ~~four~~ 8 more of which you spoke. - As soon as I shall have finished one of the stones I intend to take imidiatly proof sheets of it to forward them speedily to you for corrections and to have them in time for Mr. Endicott. - In regard to the remuneration you offer me I feel very grateful towards you, but shall make no use of it, because I feel myself very much indebted to you for favors received already and since I live very much retired, and furgal my expenses are generally me without much difficulty. - I am glad when you keep me busy and my son. - My son will soon have done with the colouring of your plants, and is anxious to receive the 50 plats of Brazaria remaining yet with you. - I wish you would employ him thus constantly, and I would propose to you to have some Copies of your new work coloured. - I think they would sell well. - But in oder to safe your trouble with the Originals, I would execute two Tablets of all kinds colour. both a like of as many different shades &. hues as possible numbering the same

of

of which I would keep one for myself and forward
the other to you.– Thus you need but to mark the numbers
of the colours into the flowers, leaves, & stems of the proof-
sheets &c. and I should be able to finish the plants, and ~~without~~
sending them again to you, to correct them yet this but an Idea of my
own, and I shall be governed by your directians.–
I remain

your

obiedt. servt.

Jos. Restele

Yesterday I received you letter also.

To

Asa Gray

Profss of Natural History

at

Cambridge

Mass

Asa Gray Profss.

to

Joseph Prestele.

For 100 Tablets engraved . . . $ 250 —

" polishing and preparing
8 stones . . . . . " 4 —

does 254 $.

Ebenezer near Buffalo Sept. 8th 1847

Received payment.
Jos. Prestele

Asa Gray Cambridge

Eben-Ezer Apr. 3th 1848
and. Pa Mc,

Dear Sir!

Your favor of March 24th & 28th I received to day, and hasten to reply. With pleasure I notice your plan of the work intended and feel gratified to be allowed to take a part in it. I suppose I shall be able to perform the work to your Satisfaction because as to gardening and other work of the kind I will intirely dispose of as soon as I am to be engaged in your work, and as to the price you will be satisfied, for although you are speaking of many analyses, which cost considerable trouble, I shall not charge you more than I have asked from Mr. Torrey, that is Seven Dollars for four Tablets, which is as low as ever any man can ask. Mr. Torrey was well satisfied as to the price. — As to the printing I feel assured it will be done better at New York and am altogether on your side in this respect. If you were disposed to send me some Chalk work, I wish you would talk to Mr. Endicott to send me stones calculated and well prepared for such work, and to annex to them good Chalk. As to the price of such drawings You will find no fault, I am unable to make a calculation without seeing the Tablets. I am obliged to you for the Check and as to your direction concerning the Impressions I will act accordingly. — This letter I copied and send it to Mr. Endicott for You might have left before this reached you at home.

Respectfully

Yours &c.

Jas. Prestele

Asa Gray Cambridge.

Ebenezer near Buffalo Aug. 10th 1849.

To Asa Gray Profs.

Dear Sir! Yours of 3th inst is received, and I hasten to answer, first, to your inquiry respecting the proposed arrangment as to my coming to you and would say at once, that I think it an inconvenience of such a nature as to make it both ways to yourself as well as to me, altogether impracticable on account of my entire ignorance of your language. And as to Mr. Sprague's coming to Ebenezer, I take the liberty to say that I fear he would not stay many days with me on account of not being able to accomodate him with such lodging as would do for him since we are without those accomodations as yet, which a Gentleman like Him ought to enjoy, and to which he is used too. But if he was to run the risk concerning these things, I will be ready for his visit, and wait on him as good as our circumstances here will allow. There is also a third way for doing our buisiness still viz: I might finish the plants here without Mr. Sprague being present, if he was to make the drawings and gave me a description of the leading colours or lay them on himself. Were they then not exact enough they might be altered or improved afterwards, when I make proof-sheets. Further as to your Idea of having the plates printed in colors I would remark that this might be done. But this would make the coloring afterwards very difficult and expensive. Therefore when I engrave the plants with fine lines, I can execute the coloring also very well, as you may see on the Fruits plates which I die already for the Massachusetts Horticultural Society at Boston, and can color therefore the plate not under 15 Cts. The Cakesii Conradii a. Gaillardia amblyodon were badly printed for coloring.

I will take pains that I may find some typ fruits of

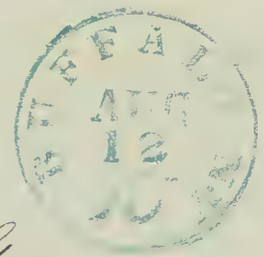
over

Magnolia acuminata. There are many young trees in our forests but few old one which bear fruits.

I have no proofs as yet executed of Profs. Torrey's plates, on account of waiting all the while for some more drawings to fill up the stone. Although now I will attend to them.

The difficulties betwixt me and Prof: Torrey have come to a close, and were amicably settled.

Very Respectfully
Your
Obed^t. Servt.
Jos. Priestley



To

Asa Gray

Profss. of Natural History

Cambridge

near Boston Mass.

Ebenezer near Buffalo Oct. 17th 1849

To Asa Gray Profss.

Very dear Sir! A few days ago I received a letter from Mr. Endicott in which he charges me with $ 21– 50 Cts for corrections & lettering the plates of the second vol. of your Genera Plantarum. Before answering him I wish to know whether you paid something to him for the first volume?

Mr. Endicott does not do right and reasonable in this matter. I struck off the proofs of most of the stones of the 2th vol. and did likewise the corrections and the many alterations myself, of which some were very difficult. I think the proofs should have been done by Mrs Endicott himself, because he has the printing of the work. I do this only for your sake, although it gives me trouble & expenses. I will not answer him untill I have received some informations by your hand.

I hope that Mr. Sprague returned well, I was very glad to become acquainted with him personaly, and I wish I had been able to convers with him in his own language. The 3 dravings are done which he left here. Two I engraved and the Magnolia I made with chalk on stone, and am waiting now for an other to complete the stone before printing or making proofsheets.

An early reply will much oblige

Your

cordially friend

Jos. Prestele

To

Asa Gray

Profss. of Natural History

Cambridge

near Boston Mass.

Ebenezer near Buffalo Dez. 19th 1849.

Asa Gray Profess.

Very Dear Sir!

The Magnolia cordata I received and likewise your esteemed favour of 4th inst. I send you now to day by Express a parcel containing proofs of the two kinds of Magnolia, which I did with crayon on stone, but they were as I believe drawn a little too deep, that I will avoid this by the next. I enclosed also a colored one of each kind, as of the Cherry. I would be very glad, if you would let them color. I would reduce the prize to ~~$~~ 8 pr. hundred impressions.

A early reply on this object would very much oblige

Your Very Respectfully

Obedt Servt.

Jos. Prestele.

P. S. Also I received two drawings of Mr. Endicott for Dr Torrey's work.

To

Asa Gray
Profs. of Natural History

Cambridge
near Boston.
Mass.

Ebenezer near Buffalo Januar 5th 1850.

Very Dear Sir!

Your esteemed favour & proofs are before me, and likewise the boxes with the stones are received, and came savely at hand. The two Magnolien because they turned out not to your satisfaction I will do them over again, and hope they will be hereafter more to your satisfaction. Now as to coloring I would say that to strike off the impressions with an ink of a greenish hue, this would do for the leaves of the plants very well, but for the flowers & fruits, if they should be of a whitish, red or yellow color, I mean it would look not very well, but if you wish to have them done or printed in any hue, I am ready to colour as you wish them, and will say that I am willing to reduce the prize once more yet, and will do the plate for 6 Dls. although my earn the day is very small, and since I have made my prize for engraving very low already. Dear Sir I have also to say, that I believe that my printer would not be able to strike off the stones which are drawn with crayon to your full satisfaction, therefore if you were inclined to have them done there at your place, I would be very glad since the stones must be sent to you again, but those which I engrave with the pin, I would like to have myself for printing.

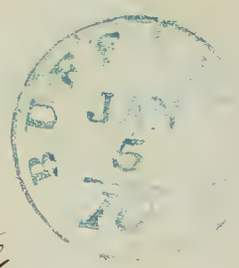
Very Respectfully

Your

Obedt. Servt.

Jos. Prestele.

To



Asa Gray
Profs. of Natural History

Cambridge
near Boston

Ebenezer near Buffalo Febr. 16th 1850.

Asa Gray Profs.

Very Dear Sir!

Your last is before me and also the 7 Drawings, and shall hasten to send you proofs. By this time you likewise will be in possession of the proofs of the two Magnolia from the improved Drawings which I trust, have turned out to your satisfaction. I shall always try to do the utmost for you to meet your wishes, and especially in this case. In reference to the impressions for coloring I would say that it is not in my power to them some what tolerable for 6 Cts. but would remark that eight might do, if you want them done in a manner becoming. The old Adage is you know "Like pay, like work", and if you still say you can not afford to pay more than 6 Cts. pr. piece then we must do them accordingly. Here I would also mention, that the Hurticultural Society of Boston has tried to avoid painting by the process of Chromolithography but all in vain up to this day, for that Art will never become a compitent substitute for coloring with the hand.

In conclusion I take the liberty of informing you that I am now capable to perform all kinds of printing work as good as any one, therefore I wish to engage my printer for I had great trouble and heavy expenses in order to get him here and also for the press and I would be glad if I could get the printing of all those impressions which became colored here but the uncolored or plain ones, may be printed there at Boston. Now if you can agree to this proposition, then you will please send as soon as possible paper that I may be begin with printing and coloring of some plates which I did already, and sent proofs to

you

you viz. of the Robinia and Crataegus for which you will also send the names of it with the exact pattern of the letters.
In future I would be very glad if you were able to put the names on the bottom of the Drawings that I may do them when I engrave the plants. Yet I would also mention that I am willing if you would like it to make Original Drawings of myself of those trees which grow here at my place, I think it may be an advantage for M. Sprague.

Now in respect to receive soon an answer about this objects

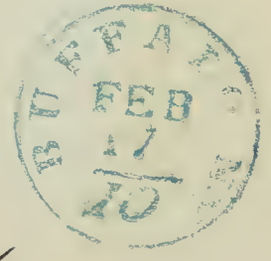
I remain

Very Respectfully

Your

Cordially

Jos. Prestele



To

Asa Gray

Profes of Natural History

Cambridge

near Boston Mass.

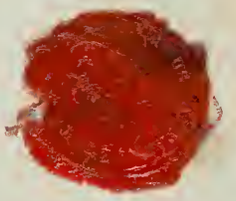
Ebenezer near Buffalo Apr. 4th 1850

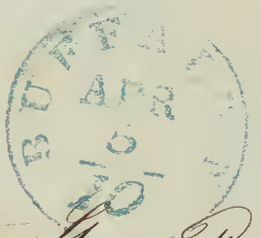
Your favour is received and likewise the parcel with the Drawings. In regard to engrave the landscape or chart I would say because I am not so well practised in lettering I fear it might turn out not to your full satisfaction therefore I would be ready to send you back the same and am rather willing to buy the ream of paper for $10. which I think is the price for it, when you will please give me leave to do so.

I also would be glad to receive the rest or the remaining Drawings for Dr. Torrey's work.

Your very Respectfully
Obed.t Serv.t
Jos. Prestele

Asa Gray Profes.





To

Asa Gray Profs.

Cambridge

near Boston

Mass.

Ebenezer near Buffalo July 26th 1850

Mr. T. Sprague.

Dear Sir. Your esteemed favour of June 17th was duly received. In reference to the remarks you made on the proofs, I will mind as good as possible, and will be satisfied with coloring the plate for 8 Cts.

Dear Sir I will annex herewith my bill for the work already done for the Smithsonian Institute, and since I am not able to color the plates all by myself and Children, I sent a part to New York to my eldest son who lives there, and paid him already $ 32 for coloring plates. therefore I took the liberty to add this sum to my bill as you will observe. I hope to be able to send you soon a good many of your plates colored when you like to have them.

Yet I have to say, that I can not glue the plates under 25 Cts pr. hundred impressions, but this I will account to my next bill.

Your

Very Respectfully

Jos. Prestele.

Ebenezer near Buffalo Dec. 2th 1850.

Mr. Isaac Sprague

I hope you will have received my last letter with the bill of Nov. 18th and I send you again to day by Rail-Road Fright Line a box enclosing 1600 coloured plates of which 400 are already paid by the first bill. it contains 350 of Plate 35

	300	"	" 49
	100	"	" 30
	100	"	" 50
	150	"	" 39
	100	"	" 46
	100	"	" 31
	150	"	" 47
	250	"	" 4

in all 1600 plates.

I have also to inform you that by glueing the impressions some of them became damaged especially the two plates 3 and 4 which were sent by you, by draving out of water therefore I am obliged to beg you for about a dozen of the above spocken plates to let me have again, and expect soon some dravings for Engravings.

Very Respectfully
Your
Jos. Prestele

Freight 1,75

Mr. Isaac Sprague

Botanic Garden

Cambridge

Mass.

D. Sprague BOSTON, Dec 13 1850.

No. 2052 **To the Bos. and Wor. and West. Railroad Corporations, Dr.**

For Transportation of Merchandize from C. C. *viz.*

Cambridge

1 Box

12

Expenses, 1 00

1022 *Received Payment, for* E. B. PHILLIPS, *Agent,* $ 1.12 1 12

Payment will be required before delivery of all goods.

Albany, Dec 7, 1850.

Dana Sprague
Cambridge Mass

To ALBANY & SCHENECTADY RAILROAD CO., Dr.

For transportation from Buffalo to Albany,

1 Bbl		80	100
	Expenses,		06
	Agent.	$	106

Received Payment for the Company, Wm Nelson Jr

Ebenezer near Buffalo Jan. 22th 1851.

Mr. Sprague!

Your favor and likewise the 5 new Drawings came duly at hand. I engraved them immediately and send proofs now by Express of each kind colored & uncolored. I wish to receive them back as soon as possible so that my hands may be further engaged in coloring and I will send you the rest of the first set plates in a short time. I altered something on the Tilia americana about one of the leaves, which was hanging behind the blossoms, then I thought by coloring it would spoil the looks of the blossoms in front of them. About your question if there is any advantage in printing the plates with colors I have to say that it is very little, for instants by the fruit on Pl. 3 there must be put on the shades mostly by color and this caused much trouble. This kind of Plate and Pl. 46 and particularly Pl. 30 were very difficult plates for coloring.

The amount of my bill sent last July is $ 112 - 8 Cts.

Very Respectfully

Your

Jos. Prestele.

Mr. Isaac Sprague

Botanic Garden

Cambridge

Mass.

S. Prague Cambridge

BOSTON, Feb 8 1851.

No. 12521 **To Bos. & Wor. and West. Rail-Road Corporations, *Dr.***

For Transportation of Merchandize from **EAST ALBANY** *viz.*

1 Box

	33
Expenses,	12
$	1 45

Received Payment, for E. B. Phillips, *Agent,*

942

Williams
Rail Road Express

1.45

Ebenezer near Buffalo Febr. 11th 1857

Mr. Isaac Sprague Dr.

Dear Sir, I received your esteemed favour and the package. I engraved the plate 40 again by your advise and it stands correct now. My charge will be only $2 although it was very difficult to engrave particularly the fruit. I forwarded by Rail-Road Freight Line a box containing the following numbers of Plates coloured viz. 390 of Pl. 3

	139	" " 4
	50	" " 35
	100	" " 46
	100	" " 50
	175	" " 31
	175	" " 30
	100	" " 49
	100	" " 39

in all 1329 plates. -

And you will please find the bill enclosed herewith. As to plates 25 I will make the shades in the fruits behind the leaf more light. Pl. 20 I can also improve and colour the flowers more bright, which I hope will render them to your satisfaction. - You mentioned also in your letter of avoiding the creases on the plates I have to say, that this happened generally by glueing and pressing the paper. Glueing is a very troublsome and dangerous work and takes considerable time, therefore I would prefer it much if you would please to use such a kind of glued paper as I enclosed

over

half a sheet in the box as a sample. I paid 9 Dollars for a ream at New York and this colours very well.

About the prizes for colouring the different plates I have raised of Plate 46-39-3 and 20 to 10 Cts pr. plate and Pl. 30 to 12 Cts. this enables me to do them so much better and with more care.

The report you gave me of Dr Gray fills me with sorrow and I hope to the Lord that he will give him soon his health again and bring him back to his native country.

Yours Respectfully

Jos. Prestele

5 8 4 at 8 Cts

5 : 1 at 10 Cts

1 7 5 at 12 Cts

Mr. Isaac Sprague

Botanic Garden

Cambridge

Mass.

Payment will be required before delivery of goods.

Albany, Oct 14, 1851.

H. Seymour
Conductor Mail

To ALBANY & SCHENECTADY RAILROAD CO., Dr.

For transportation from Buffalo to Albany,

Mr Burton

1 Pass 1 00

Feb 17 1852

Received Payment for the Company, Wm Blessle

Expenses, 12

Agent. $ 1 12

Smithsonian Institution

April 28 1851

Isaac Sprague Esq

Dear Sir

I am directed by Prof Henry to inform you that we have this day sent to Mr Prentiss a draft for $134.82 in payment of his bill against this institution and also to request that you would communicate with Mr Prentiss and inform him that it is not expedient for us at present to remit any further drafts until Dr Gray returns from Europe

Your very respectfully

E Foreman

Asst Sec.

Ebenezer near Buffalo May 10th 1851.

Very Dear Sir

Yours of 2th inst. is at hand and I have to reply concerning my bills that it don't make any difference to me at present if I receive the money now or some time later. Dr. Gray wrote me in his last letter of May 20th 1850 viz " You can make out Bills whenever you please Mr. Sprague will approve them and Prof. Henry will pay them at once" so I thought proper to send bills to you after every quantity of finished plates, as I am wanting money.

But as Prof. Henry wish to pay the bills after Dr. Gray's arival I will wait patiently with my bills untill his return, though I would wish that you may have the kindness to go on with the work and send me soon some more Drawings for engraving.

Meanwhile I remain

Yours very Respectfully
Obedt Servt
Jos. Prestele

Mr. Isaac Sprague
Cambridge.

Mr. Isaac Sprague
Botanic Garden
Cambridge
Mass.

Ebenezer near Buffalo July 24th 1851.

Mr. Isaac Sprague. Esq:

Dear Sir.

I have to inform you that it came nearly to close with coloring all the plates for the Smithsonian Institute, and I will send the whole quantity to you as soon as you give me order to do so. Besides this I have also to mention that you will have the kindness and send me as soon as you can some more Original Drawings for to engrave and color, because my colorists are soon at leisure. You will also furnish me with sized paper when you send new Drawings.

Very Respectfully
Yours
Jos. Prestele

Mr. Isaac Sprague

botanic Garden

Cambridge

Mass.

Ebenezer near Buffalo Sept. 11th 1851

Isaac Sprague Esqr

Dear Sir.

Next week I will forward by Canal & by (Merchants and Millers Line care of H. L. Becker) a box with all the rest of plates colored which I have had here for the Institute. The numbers of each kind of plates you will please find covered in the box.

I am very anxious waiting for some new Drawings for the purpose of employing myself and my children & colorers again. I beg yu to acknowledge me by receipt of this what your opinion may be about and if Dr Gray has arrived

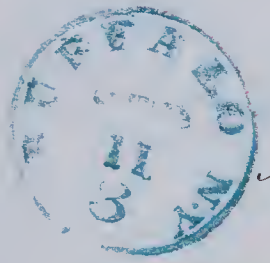
meanwhile I remain

Very Respectfully

Yours

Obedt Servt

Jos. Prestele



Mr. Isaac Sprague

Botanic Garden

Cambridge

Mass.

Answd in Detail
Sept. 27th

Ebenezer near Buffalo Sept. 22th 1851

Prof. Asa Gray.

Very Dear Sir!

With pleasure I received your esteemed favor of 15th inst. and thank God Who has brought you back save and healthy.

Now to the work I feel great grief that some of the plates, which I engraved and colored since your absence do not please you at all, and I would very much regret if this would be the cause to abandon the work. The Tilia americana which you especially mention in your writing I will engrave over and take all pains to do it very gracefull and to your full satisfaction, and if you wish to have engraved over any more I am willing to do them.

As to coloring of the impressions I have thought it may occur that you haste with the work when you will come back from Europe, therefore I sent a part of the impressions to New York for coloring there and went down myself to arrange the matter, but became very disappointed with the Illumination of the same, when they arrived here, allthough they had promised me to make the plates as fine and good as the samples are which I gave them to guidance. But those impressions which I forwarded to you last week are colored mostly of the hands of my son and daughters, which I believe will please you somewhat more. My son is in deed very sorry that he will get no work any more to color for this coming winter season. He is ready to do in future all the impressions hiself and would take the utmost care to execute them to your full satisfaction the Smithsonian Institute and all persons concerned. Therefore I beg your kindness to send me two Drawings to engrave

one

one stone if it were at any case possible, to you that he only may be employed for this time untill you have arranged again with Professor Henry. Or there is perhaps another help I have here one stone with two kinds of Magnolia's on, which you will remember that it is not yet struckted off, if it were that you would please send me the names and numbers to put under the Drawings or engravings, and allow to be printed, it would furnish him some work for a considerable time.

I would be glad if you would send in future sized paper for the colored impressions because the glueing does somewhat injure the plates that they can be colored not so well as on sized paper. I also take leave to mention that I would be ready to assist Mr. Sprague in executing Original Drawings for the Smithsonian Institute of those trees which grow he in our vicinity or of those you perhaps would send me. I also can make Drawings of dried plants.

Because my son is not so well practized in writing letters, I fear it will be somewhat difficult to you to understand me, but in hope to get very soon good tidings I remain

Very Respectfully

Your ever

cordially and truly friend

Joseph Prestele

Ebenezer near Buffalo Nov. 14th 1851.

Very Dear Sir.

You was so kind & bestowed me the favor in your last respecting my bill which you were willing to pay in advance by a draft which I have to draw on you and which I had done surely if I were knowing for certain that it makes no any difficulties to you which I would like not at all. therefore I will rather wait till next January then Professor will pay it at once I think.

You will please take no offence when I claim you again for some drawings. Perhaps you can send me some without the consciousness of Prof. Henry I would wait with the money untill it is all convenient to Prof. Henry of which you would please acknowledge me occassionally. I have a ream of paper here yet and unengraved stones too.

Yet you may take the matter in consideration and do what you think best.

I'm hope to hear soon again of you I remain

Very Respectfully

Your

Truly

Jos. Prestele

Professor Asa Gray

Cambridge.

Professor Asa Gray

Cambridge

Mass.

Ebenezer, near Buffalo Feb. 24th 1852.

Very Dear Sir.

Your favour is received with the proof. As to plate № 41 I would say it could not be done over without some damage to the other, and also there is another reason yet. when my printer struckled off proofsheets he made about a 100 impressions which are my children coloring now and therefore I am very sorry that it can't be altered any more. I have here paper yet for these two plates, but I prefer much sized paper and you will please send me when you send new Drawings again.

I received no money yet for my last bill of Professor Henry and I am very anxious for it

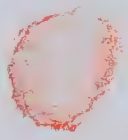
Yours

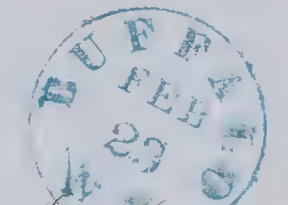
very truly friend

Jos. Prestele

Prof. Asa Gray

Cambridge





To

Asa Gray

Prof of Natural History

Cambridge

Mass.

Ebenezer near B. April 1th 1857.

Very Dear Sir.

I received your esteemed favor covering proofs. The plate of Honey Locust I could alter yet, and send you hereby enclosed a proof of the same, which I hope is done now to your wishes.

But now Dear Sir I would say if you like to put away the 100 colored plates of the Honey Locust and to pay the coloring of them which might be $8 I would do them once more very willingly and will charge nothing else for the alteration of this plate.

But also I have to mention that I have not paper enough for these plates therefore you will have the kindness and send me some glued paper as soon as you can that I may begin at once with printing & coloring.

Meanwhile I remain

Very Respectfully

Your

Obed. Servt.

Jos. Prestele

Prof. Asa Gray

Cambridge.

Ebenezer near Buffalo. April. 21th 1852.

Profs. Asa Gray.

Very Dear Sir:

Your esteemed favor is before me, with the $8 for which I thank you very much, and also the proof of Honey Locust, the little alterations which you marked on it I have done to your wishes. and will take pains to do all to your full satisfaction, especially the coloring, for which I will take great care to do it well. I would be very glad to receive soon again two Drawings more, because my children prefer much this business than any work else and I must keep myself in door for reason of being often unwell.

The paper is in my possession but had some trouble to get it in the Rail Road Depot. Please write when you send any bundels or boxes again "Ebenezer near Buffalo."
I tried the paper and I find that it colors pretty well but it is a good deal thiner than the first one.

I remain

Your very truly
Jos. Prestele

Prof. Asa Gray

Cambridge

Mass.

Ebenezer near Buffalo Octo: 18th 1852

Prof: Asa Gray

Very Dear Sir

Your favor of Sept: 22th is before me and also the 3 bundles of paper which arrived savely my place. This paper looks very well. But Dear Sir I beg leave to ask you if you will be so kind to let me have the bundles of paper you sent formerly especially the one you sent first & which was too thinn, it costs about $ 7 a ream as you mentioned the main one of your writings. I could use it very well and you may please Deduct the money for it in my next bill. Also I had to ask you if I might get some more sized paper yet of this kind by your kindness, or perhaps you can send me a card of the store at Boston of which you have bought it, viz the same I last mentioned

An early reply would very much obliged

Your

Truly

Jos. Prestele

$7.50

$9. [illegible] = $6.50.

Ebenezer near Buffalo Aug: 18th 1853

Prof. Asa Gray.

Very Dear Sir

I take leave to write to you concerning my stones, which I received not yet from Mr. Endicott. After writing to him already several times, he finally answered me that he will look for the same. Will you therefore be so kind to write to him yourself and urge him to send me the same or others equally good as mine ones, well packed as soon as possible. and the annual interest he charges Mr: Putnam, of which you spoke in your last letter.

By this time I would ask your favor in respect of the first colored plates which I did for you in the year about 1845. —— Among these plates or plants there was one called Gaillardia amblyodon. Now whether it might be possible yet to get a copy of the volume or work into which they became bound, for payment. It would give me much pleasure, because it was the first work I made for you when I came in this Country. Now you will please take it not amiss, that I trouble you again. Will you not have the kindness to send me also one or some proofs of the plates engraved on copper for the Exploring Expedition Botany, which are drawn also by Mr. Sprague. Also I request you for the colored Original Drawing of the Magnolia grandiflora.

I am Sir

Your truly Friend

Jos. Prestele

Ebenezer near Buffalo June 12th 1854

Dr. Asa Gray.

My dear Friend.

I received your favor with the enclosed one of Prof. Henry and haste to reply. I would say If Mr. Richard will do the Coloring better and cheaper than I do, You and Prof. Henry have reason enough to leave the Coloring to him. You know very well all my works I have already done for you and the prices for them and I would not like that you have any difficulty for my sake. If I can do the engravings Mr. Richard may do the colorings. Prof. Henry has sent me the amount of my bill by a draft. I enclose herewith his letter and am waiting now till I hear from you again concerning the uncolored Magnolia plates what I shall do?

Meanwhile I remain

Very Respectfully
Your Obed't Serv't
Jos. Prestele

Ebenezer near Buffalo June. 21. Th 1854.

Prof Asa Gray

Very Dear Friend.

Your favor was duly received and likewise the roll with the colored Magnolia plates. As to these plates I would say, when I ordered my eldest son to make some samples of them I comanded him to do the same as good and correct as possible, because it is the first Plate or color of the work, to please you in this case at all, but it caused me that I therefore charged you 2 shilling the first time, but now I am ready to do them as cheap as possible and will do the remainder for 15 cts each plates and as good as possible yet. I am Dear Friend very sorry that I troubled you so much in this case, and hope now that you never will mind it any more.

You would oblige me very much in getting or sending me a copy of the Atlas of the Botany of the Exploring Expedition for payment, if it is ready, since I studied once myself Botany I feel much interest for this work.

I remain

Your truly Friend
Joseph Prestele

Ebenezer near Buffalo May 14th 1855.

Prof. Asa Gray.

Very Dear Sir. Your letter of April 18th was duly received. I forwarded to day to you by Rail-Road Freight Line a box with all the colored plates I had here and enclosed a package in it which you will please deliver or send to Marshall P. Wilder Esqr at Boston. I enclosed also a sheet of paper of which I would be glad to learn the price of the ream, & where I may get some. I beg you to take it not amiss that I trouble you so much.

Your

Friend

Joseph Prestele

Mr. Strutt

Enquire after Atlas Work

at Norton Rail Road Depot,

& let me know if not to be found

Thanks

1.63
8.37
10.00

Ebenezer near Buffalo Nov. 13th 1855.

Very Dear Sir.

Your favor of last July was duly received in which you advised me that I have to credit the Smithsonian Institution for the ream of paper you was so kind to send me and to deduct the amount $12 from the first bill I should have again to present to it, but because I do not know whether I shall be able once more to get some work for it, I am obliged to beg your kindess to send me word, whom I may address there.

Now Dear Friend I have to inform you something that will I suppose surprize you a little, viz. For many circumstances the Society has determinated to leave its place here and settle over to the West in the State of Iowa near Iowa City on the Iowa River, where she has bought already a piece of land, and commenced also to build houses. I state you this for the sake of the work of Trees I believe there is a mind among the Officers at Washington to abandon the work, because nothing is done since several years, and also you have spoken of it in some letters written a few years ago. I therefore ask a favor of you, because it may be that I must start from here soon which might cause you trouble in this case to let me know, what is to be done with the stones and paper that is left here in my house.

An early answer will oblige

Your truly

Joseph Prestele.

Prof. Asa Gray
Cambridge.

Ebenezer near Buffalo Nov. 28th 1855.

Very Dear Sir.

I received your favor and would mention in reference to my moving to Iowa that I shall probably stay here this winter. I will send you word again as soon as my time is appointed by the Officers of the Society, and will therefore keep the stones here for some times to your wishes, but as to the paper I would like to buy, all what belongs to the Smithsonian Institution, that I have here in my house if you were so kind to let me have it for an reasonable term. There are 5 reams and 318 sheets in all, without the ream you have sent me from Boston some time ago. (I counted the paper to 500 sheets a ream)

I have just now to do some engravings of Prof. Torrey for the goverment at Washington, I send you by his helper herewith enclosed two proofs and will send more very soon by mail. By this job I would have a good chance to pay the paper for which I request you, or I will send the money direct to you if you prefer, I would be very glad to receive your kind advice in this matter, how I shall do the payment. An early answer would much oblige

Your

truly Friend

Joseph Prestele.

Prof Asa Gray.

Ebenezer near Buffalo Dec. 3th 1856.

Prof. Asa Gray.

Very Dear Sir.

I take leave to write to you concerning the engraved stones which I have here for your Sylva work. Since you wrote me once that the work ought to be abondened, I would say if it is so in this case I would ask your favor to inform me, whether it is in your dapposition as to let me have the stones, for I would pay what they are worth, if not I would request you to let me have in future all Plates for to color for I wish to engage my children with coloring them. and because I am always so much fond of this work I am very sorry that it sticks fast. Please let me know a decision about this matter.

For myself I have much to do now with engraving the Cactaceae of Dr Engelmann. Prof. Torrey was so kind to procure me the engravings of them. I send you by mail 8 proofs of Parkis plants, which I have lately done.

I remain

Very Respectfully

Your

most obed. servt.

Jos. Prestele

Ebenezer near Buffalo N.Y. Dec. 11th 1856.

Prof. Asa Gray.

Very dear Sir.

Your favor is at hand. There are 5 Stones belonging to the work of Forest Trees. I enclose list of the engravings upon them. I have not made the Drawings of Park's Plants. I believe they were done by Mr. Church. I send you some again (18 in all.) of Whipple's Report. Of them are the most Drawings done by Rioceux of Paris in France. I suppose I stay here some time yet, and shall be happy to receive soon some work for coloring.

Is the work of the Exploring Expedition Botany besides the Atlas done? I believe it is a beautiful work which does great credit to you and the Country.

I remain Dear Sir

Your

most Obd. Servt.

Jos. Prestele

turn over.

P. S. I suppose you will have seen a young artist by the name of Mr. A. Rochstein, whose father lives in my vicinity and is an esteemed friend of mine. I was informed that he was recomended by a Lady of Rochester. N.Y.

He can make drawings pretty well, & I would beg your kindness to furnish him with a good place.

Ebenezer near Buffalo. N.Y. Sept. 8th 1858.

Prof. Asa Gray.

Very Dear Sir.

I herewith must inform you that the Society to which I am joined here is now a few years since ready to settle over in the state of Iowa, and I also received order to leave my place here for to go to our new place in the far west, and will start in about 4 weeks.

Therefore I am obliged to make now my arangement with you in reference to the paper I owe to the Smithsonian Institution. And now I take liberty to ask a favor of you if it is possible to you to let me have a remission, and would mention hereby that as I received $12 & $13 for each engraving I executed for the goverment of which the Drawings Prof. Torrey did sent me, and who furnished me this price, and since the engravings of Trees for the Institution for which I received as you know but $4 for each engraving, although they almost were equal in work to those of Torreys. Now as I think you will find it also a pretty low price, I therefore I suppose you will take it not a miss my request, and would be very glad for your kind advice and information by to receive by return of mail. The stones I had here for the Institution I sent some days ago to Tappan & Bradford at Boston, as you once directed me.

I am very sorry to come now so far from each other, which

over

cause that I can not do any work more for you, but will be remembering allways your kind favors you bestowed to me, since our acquaintance to annother and yet I shall remain in your friendship and am

Your

Most Obed^{t} Servt

Jos. Prestele

P. S. Our new place in Iowa is called Amana, and after the 4th of October next my address is thus

J. P.

Amana

Homestead P. O. Iowa County.

Iowa.

Ebenezer near Buffalo. N.Y. Oct. 1st 1858

Prof. Asa Gray.

Very Dear Sir.

Your esteemed favor of Sept. the 24th is received. The quantity of paper was nearly 7 reams. I suppose the price was $12 per ream.

As soon as you have settled with Prof. Henry you will please send me word to my new place or home, of which I enclose my address.

The number of stones which I forwarded to Mrs. Bradford & Co. Boston was 6 with 22 engravings on them

With high respect I remain

Your

Most Obed. Servt

Joseph Prestele

Joseph Prestele.

Amana.

Homestead. P. O. Iowa. Co.

Iowa.

Amana Homestead P.O. Iowa Co. Iowa.
Febr. 13th 1865.

Prof. Asa Gray
Cambridge. Mass.

Very Dear Sir

By the enclosed letter you will notice that I was just finishing a letter directed to you when yours was already in our Post Office to be delivered to me which looks like Providence having brought us together anew, perhaps for some good purpose. As to the stone in question, which was a very small one and on which I engraved the Robinia viscosa and Cerasus virginiana (the Magnolia glauca & Liriodendron Tulipifera were lithographed at Boston by Mess^rs Tappan & Bradford.) I have to say it was sent as far I know to Boston in A. D. 1858 in September, still if you insist upon I am willing to engrave these two Plates over for you as quick as my circumstances will allow.

Out here I do not prosper so much as might be expected and as I desire and I wish you had work for me to do like in days past which were agreeable times to me.

Very Respectfully
Your most Obe^t Serv^t
Jos. Prestele

127
S. 18th

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Providence, R.I. Aug 14 1884

Prof Asa Gray -

Dear Sir -

Your note & package received - Already half of the copies have gone & shall have no trouble in selling a moderate number - I have written those whom I know are interested in Botany in regard to the work - I think you had best send at $4. nc
4 more copies of the new portion & say 2 of the old making as good trade price as possible in case the two parts are sold together -

Is there any immediate prospect of a third portion?

Yours &c

Howard W. Preston -

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Jan 19 1889

Sereno Watson Esq
Cambridge Mass

Dear Sir=

Prof Bailey informs me that the new edition of the Manual is nearly ready.

Would it not be well to print an edition or a moderate number of copies on thin paper, narrow margin with flexible binding as in case of Coulters manual?

By so doing a real & lasting service would be rendered to the study of Botany in "these United States"!

When may another portion of your Index be expected?

Yours respectfully
Howard W. Preston

Shoreham,
near Sevenoaks. 16 July

1881

My dear Sir,

My niece Miss Clarke tells us that we may hope to have the pleasure of seeing you & Mrs Gray at Shoreham. It will be very good of you to stay

& Dover line of railway (Sevenoaks branch) of which the London Station are Victoria & Holborn viaduct. There are trains from Victoria at 11.45 a.m. 2.42 and 5 P.M. The trains take 1 hour to get down here & are 1 1/4 miles from Shoreham

a Day of the time
you have to spare
in England a Mr.
Prestwich & I wish
we delighted to
receive you & Mrs
Gray here. Any of
the Days named by
my wife as convenient to you in
Sunday the 30th Inst.

& inquires whether
we could drive you
over to Mr. Darwin's
at Down a Sunday.
Saturday will suit
us perfectly well &
we can easily drive
you over to Down
on Sunday. It is
a very charming
distance. You are
on the London Chatham

Shoreham,
near Sevenoaks.

1881

Shoreham,
near Sevenoaks. 27 July

Dear Dr Lyon,

Our line of Railway
is the London Chatham &
Dover, Victoria station,
& our station, Shoreham.
We have known another
stat: at Halstead on the South Eastern
Railway, Charing Cross
by which we often
travel. It is 2½ miles
distant, & is on the

same line (2 stations
distant) by which
you can get to Down.
If you prefer taking
the latter line there
are trains at 1.40
and 4.5 arriving at
Halstead at 2.41 and
4.57 when we could
readily send to meet
you. Or if you prefer
the other line there are
trains from Victoria
at 2.42 and 5 P.M.
by the former of these
our friends Dr and Mrs
Carpenter are coming
down, & our carriage
will be at the Stn
here at 3.37 to meet
them. It is a lovely
white mile Halstead from us.
I am very truly yours
Isabella Creighton
Chevening Stn is 1¼ mile from us.

1861

Shoreham,
near Sevenoaks. 3 Aug^{t}.

Dear D^{r} Gray,

I am very much obliged to you for the copy of your "Natural Science & Religion" - I shall I doubt not read it with as much pleasure & profit as I formerly read, although not a convert to

Natural Selection
which, the other work
of yours in Darwinism,
Mrs Prestwich gives
me in regards to
Mr Gray & I am
very truly yours
Joseph Prestwich

Mrs P. drives over
to Sevenoaks yesterday
& expected to find
Miss Lorimer at
Justus but she was
to leave Sevenoaks
tomorrow.

371 Walnut St. Philadelphia
24th Feb 49

My dear Sir

You kindly wished to know my plans for the winter. Then I should have determined them. I have engaged my passage then for Jamaica in the Crescent City Steamer from N. York on the 15th Nov. and shall remain there the winter months at least. If I find comfortable quarters in the hills I may stay there on the island. Mr Wolle of Bethlehem, Pa. has spent 11 months on the south side at a missionary station, and carried his fondness and made a large collection of plants without an hours illness, but can tell me but little about the Kingston side where the steamer lands. He has given me a specimen of an oak that grows 8 miles from Bethlehem that exactly corresponds with the Quercus Prinus of Bigelow's Flora Americana, but extremely different from Michaux's. I showed it to Torrie & he called it

bracts. The icon is like that of the tree in Bentham's genera, ovoid cup nearly closed over the nut with a band of fringe on one side of the lip, but the leaves instead of being glaborous beneath are downy and of the shape of the one figured in Michaux with obovate pubescence. The more I have studied the trees of this country, the less and less I rely upon Michaux, & the more certain I feel that he mismatched his fruits and leaves, and most notoriously so in the genus Carya. I have begged Mr Wolle to lay in a good many specimens of his Oak Rich he has promised to do. He considers it a new species. It is certainly very different from any except that of Browne's. As to Carya fœtens is nobody here so can name the species by book. Dr Griffiths has been working over them at the Acad. Nat. Sciences with me one day, and at last gave them up, saying he knew those hickories one from another perfectly, but take the books help he could not. Dr Darlington advised me to consult the farmers. Out of curiosity I have looked over several collections and find the utmost confusion among them. There is one in the Herbarium of the Academy with the name of 'microcarpa' in Nuttall's writing and apparently the same species as porcina. The Rhois genus is the most of confusion. Nobody can recognise with certainty a single species in it except among . . . as to the rest they are either varieties of one, or three exist nearly & double the number got recognised. Among those latter is the one so abundant in the sandy soil about Rockbank or the New Jersey side with thick tufts of semicillate tomentum and resinous glands all over the under surface of the leaves lanceolate cuspidate, and a nut like that of C. tomentosa but less than half the size. I brought some one day about a dozen nuts from a tree on the Wissahickon and people refused them to a tree, tomentosa and porcina. I went down the market today and saw a basket full of cracked ones. The woman said they were "thin shell beauties" "But they have got a twist in them". I said "Yes" quite. Yes "to have some people got a twist in them and some are straight". Among the other trees also there does not seem to be quite the same distinctness of character as among the herbaceous plants. Between that form of Rhus serratina that has the margin of the leaf slightly revolute

and just tinged with little mucronate glands and the larger —
A. glutinosa in the Herbarium of the Academy I can see no
difference. Perhaps the A. glutinosa really grows here mixed
with the other. Again a Botanist from the White Mountains
comes too here the Chamissonis of Nuttall to be distinct from
it. As to the stalks there is a distinction between the three
six and occasionally four sided ones, the
suberose character of the scales of the cup in the former, com-
pared with the glistening surface of those of the occidentalis —
and the L. Pinos (two of your names) if I am right in
the species to which I refer it, can be readily distinguish-
ed from its neighbours by the glands with which the serratures
are tipped. All that I have seen in Herbaria as "Rocky
Mount" I should have supposed to be L. montana.
I have travelled too much not to know that a botanist's
difficulties are often owing to his own inadequate observa-
tion than to the fault of his books, and I hope you will
excuse my impertinence in making the above remarks.
In respect to all but the trees your manual has always
served all routes, and after using it these five months
I cannot say I never found a better one for the flora
of any country. — I will let you know when I am
in Jamaica and shall be happy to be of any service to
you there. Pray make my best respects to Mrs Gray
and believe me most sincerely yours
R C Alexander

379 Walnut St
Philadelphia
3rd Aug/49.

My dear Sir,

Having made no discoveries, nor had the least information that could be interesting to you to communicate; I have deferred writing to you from week to week till I am likely to see you again almost as soon as this reaches you.

It is my intention to be at Cambridge to attend the meeting of the Association, and to arrive on the Monday — the 13th —

Since last writing to you I

loose here as far south as Raleigh and Goldsboro, or the Alleghanies at Cumberland, and a week at Bettle in New Jersey. But am not aware that I have collected anything rare. Must be off down. The Chiococca pusilla is abundant everywhere in the peat mosses at Portsmouth, the Pteris atropurpurea & the Gaylussacia reticulata as common about Cumberland.

I was the day before yesterday at Germantown with the Misses Morris. Who I am happy to say are in good health and as generous as ever in their support of Science.

Mr Griffith is still a great invalid.

Looking forward anxiously to the pleasure of renewing my acquaintance with you and my other Boston friends

I remain

Very sincerely yours

R C Alexander

Kingston 25 May 50
Jamaica

My dear Sir

The Track of New Granada
who has been residing here a few
weeks will take a parcel of plants
for me to Mr J. Carey. I know
of no other friendly terms you are
and have therefore not made them
up in waste packets. The Com-
positae are those I believe in which
you are most interested and I have
sent you all of which I took duplic-
ates. The season of flowering the
winter has too damp and the fatigue
in such a climate too great to collect
many. Could there be any of which

rest ate it all up. In our temperate
countries we have no idea what a
loss to the progress of man is civilized
these insects are? People are compell-
ed to live from day to day. There
was nothing like permanent im-
provement in the north till libraries
and museums were established. In
the tropics the very buildings in which
the right place such things soon
crumble to pieces. I incline more
& more to doubt the miasmatic
basis of the Negro, and to attribute
the state of tropical species to
natural causes, which rather date
from habit of providence than
courage there - I hope Mrs Gray's
health is quite reestablished -
My best respects to her -
Believe me very truly yours
R Cuthbertson

you wish for other specimens give me a line & I will send them to you. I greatly fear as you will see we are undetermined. I could you already know the ferns, as I dare say you do, I should be very much obliged to you for a list of them, but I do not ask you to interrupt your labours for a moment to make them out.

Mr Macfadyen is in the midst of his 2d Volume, but he is doing it under circumstances which would deter most others from the attempt the utter want of an herbarium of any kind, and professional engagements that preclude his making excursions. It has been his custom to examine a plant write the description & know the specimen away and to say the truth he might do as well, for the insects devour every thing that you put aside. Our clergyman's wife told me yesterday that when she came here a year ago she looked up all her best dresses in a box of (cedrela odorata) the cedar wood of Jamaica, supposed to preserve things against depredations - but on taking them out lately every dress fell to pieces in her hands. I have a swarm of small ants in my room which seem to be carnivorous only. To try their digestion I poisoned a cockroach with the corrosive sublimate dissolved in rum. As long as it melt they would not come near it but when the rum odour was gone

Hammersmith
6 Jan/55

My dear Sir

I received Dr Shorty parcel and the books you were so kind as to enclose for me a few weeks ago and did I were not such a mere dilettante and could send you any thing of value from my own pen. I feel extremely gratified at your kind attention and for want of any thing

to say married a young lady much his junior and is happy again. She seemed a very nice little woman not more than 20 or 8 and 20. What will Mrs Gray and the American ladies say to his twice crossing over to England for a wife?

I wrote some time ago for Charles Darwin & Miss Margaretta Morris respecting a beetle that she once caught with the egg of a fish attached to it, but have had no answer. If you happen to know of the circumstance and can tell me where to refer for any account of it, I should be glad to learn. She related it to me herself, one day that I called on

of mine worth the enclosed now
my photograph of which I
beg your acceptance. Should
you at any time wish for
plants that I am likely to
have from the Cape or South
of Europe or Jamaica, do
give me a line without cere-
mony and I will send you the
best that I have.

We are at last arranging
our vast collection at this Gar-
den and although much is in
duplicate & triplicate we shall
most likely find that we have
exclusive of the Indian Flora
rium and Rose arranged collection
which we cannot distinct, at
least 10,000 species. We were
much gratified with your com-
munication respecting our Sec.

Mr Carey has settled down
into a mass of business and
does admirably. I did not
know, till I learnt it by the
short letter, that he was in
England, and indeed the Postoff
although not 5 miles off took
from him did not see a line of
him for months after his arrival.
Now have read I presume that

Lee at Germantown, and
Francis Wharton, [illegible] importance
to it if it could be authenticated.
I think she used to know for
a work that you published, you
may possibly have heard her speak
of it.

Should you see Mr Lowell
or De Bigelow, pray give my
respects to them, and most par-
ticularly to Mrs Gray. Of whose
kind entertainment I retain
a most grateful recollection.
I hope the rain of Europe proved
of the benefit to her health that
she expected. Believe me

Most truly yours

Turn over R C Winthrop

P.S. I have addressed to you a parcel for St. Albert instead of sending it direct to Lincoln or Louisville. It is addressed to the care of Wells Fargo & Co.

you or any of them in London to stay at my house as many weeks or months as you find agreeable. I look back at the time I spent in your's at Princetown, as among the most agreeable in my travels.

The Hookers are all well. Dr Jos. Hooker has a family of four children already. The gardens at Kew are gently improving under their care and are truly magnificent.

I sent you one of those photographic portraits, addressed to you at Princetown, two or three years ago, but Miss Margaret said you had not received it. I hope this will be more lucky. With kindest regards to the ladies very truly yours

W C Alexander. J.

Prior

To Dr. Torrey

8 St Peter's Square 26 May

Rec'd June 11th 1838

Hammersmith

My dear Sir

Accept my best and warmest thanks for your kind remembrance of me, and the handsome present. It is a most beautiful work, indeed.

I was very sorry that it was not in my power to show your daughter, Miss Margaret, my attention during her visit in London. When she returned here from the continent I was myself abroad

travelling in Norway, and did not get her note till long after she had left. You will have heard from Dr Booth how great an affliction our poor friend Mr Cary has had, I have only seen him once since his return from America, and that shortly after his marriage. He seemed to have entirely abandoned his botanical pursuits, and never could be induced to come to the Linnean Society, or to a Flower Show, or Kew Gardens, or to leave his home for any thing, and I am sure he must feel the loss of his young wife very severely.

I have delayed to write to thank you for your kind present, till I could enclose you my portrait to speak for me.

I shall always be delighted to hear how yourself and your family do, and the Le Conteis and Mr Grant and other friends. I would not trespass upon your valuable time, but perhaps one of the young ladies would one day write me a chatty letter to say how you are all going on.

I should be very glad to see

48 York Terrace 4 Dec/70
Regents Park
London N. W.

My dear Dr Gray,

It gives me very great pleasure to learn that my book is acceptable to you, and the light donation that Mrs Gray does me in placing it in her own library. I shall value very highly the two memoirs on Cuban botany, and thank you for your kind

a copy of my book to be sent addressed to Prof: John Torrey, New York, not knowing his exact address. If you think it likely to miscarry, perhaps you will do me the favour to beg him to enquire for it at the house of Williams & Co's correspondent.

Professors Grisebach and Harvey are working at my W. Indian and Cape collections. I take some credit to myself for having induced the former at Göttingen, and got him to come over here and make it the W. I. Flora.

My best respects and kindest regards to Mrs Gray, and hoping to see you both over here again I remain
very truly yours R. E. Alexander Rion.

intention to send them to me.
The flora of that island is
particularly interesting for its
dissimilarity to that of Jamaica,
while the Egyptian resembles
this latter so closely. Be so
kind as to send me, to the above address
one of the
remaining sets of Wright's Rhizophoras and of his Ferns,
unless in the meantime any more
industrious botanist has applied
to you for them. I regret to say
that having wandered at ran-
dom over the wide world, I do
not feel inclined to sit down to
patient minute investigations,
but at present occupy myself
more in planting and transplan-
ting trees and shrubs, and other
business on my estates in Wilt-
shire and Somersetshire.

It surprizes me to learn that
the Torreys are much as I left
them. I had thought that such
nice girls would long since have
changed that name for other.
If Miss Maggy had stayed longer
here in England, I do not think
that the gentleman would have with
single let her go back. I ordered

48 York Terrace. N.W.
6 May. /61

My dear Sir

I remitted to you the 1st March last £23-9 by Messrs Williams and Norgate, but have not received from you any acknowledgement of it. I hope you received it.

We are all extremely sorry to see the course that things are taking in the States, for although your government

which have been killed in the valleys. The gardener at our Roy. Bot: Gard: tells me that Rhododendron Japonica has been killed by hundreds every where about London, half a dozen common plants that he knew under a bell have escaped, and that up on Hampstead Heath. The January rain did the mischief. We have had winters, which locally were quite as cold as this last was in the Western counties, but the evergreens survived them.

Kindest regards to Mrs Gray

Very truly yours
R. C. Alexander Prior.

From the enclosed to Westermann & Co if you have not got the money

has shown itself rather irritable and defiant towards us, we all know that it is not exactly the best-bred men who get into congress, and so long as we can keep on tolerable terms, make every allowance for the necessity of pleasing such men. It is deeply to be feared that, the principle of secession once allowed, the division will go a great deal farther. It is of advantage to nations to have encroaching neighbours. They are obliged then to hold together for mutual defence.

We have had a most destructive winter. Nearly half my shrubs are either quite killed or seriously injured, and what is as yet inexplicable, is that in Dorsetshire and Somersetshire where the frost was not so great by 10-15 degrees as in our Eastern counties, the destruction has been quite as great. On the exposed tops of hills things have escaped

48 York Terrace N.W.
19 Feb. 1863

My dear Sir

I beg to thank you for two very interesting papers, for which I see by the handwriting and postmark, that I am indebted to you. The notice of De Candolle particularly I have read with great pleasure. Not knowing what to send you in acknowledgement of them, I enclose a carte de visite; for in-

on your continued to the noble use of the Poles in the cause of Liberty, and the probable dismemberment of Russia. It is curious that at this moment three great heads of their respective religions, the Chinese emperor, the Sultan of Turkey, and the Pope should be tottering to their fall, and perhaps we shall live to add the head of the Greek church. There seems to be discontent in every part of the empire.

With best respects to Mrs Gray
very truly yours
R. C. L. Prior

tenary productions I have none to communicate.

I trust that Mrs Gray and yourself are well, and Professor Torry and his daughters, of whom I never hear except through you. Dr and Mrs Booth were very well a few weeks ago, when I saw them, but as he never comes to the Linnean in cold weather, I do not often meet him. Carey maintains the same aversion from society, & seems very glad to see his friends, if they go down to his Office in the City, but never calls on any body, or accepts an invitation.

We hope that at last your unbrotherly civil war is approaching its termination. Secession to conquer, rather than to conciliate, must, we suppose, be now admitted to have been a mistake. At present public attention seems to be quite withdrawn from the Louisville slaughters made

of Silvertop Leo Sweet Bays,
Laurus nobilis, 30 feet high,
and the trunks of some 2
feet a yard round.

It might do very
good to be able to stay
a Whole winter, Where one
could enjoy open air, in one
of Most Western counties.

With my best respects and
kind Regards to Lee, and to
Dr Torrey and his family
Most Sincerely Yours
R C of Rio

Thelse House
Taunton 25 Nov/64

My dear Sir

I am ashamed
to confess that, now that
I have ceased to travel
and collect, I have lost
my passion for plants in
Herbaria, and take more
delight in shrubs and trees
growing on my own estate.

Do not waste any [illegible] of your Cuban treasures upon me. I have never worked through the former set.

It will give me and all our mutual friends very great pleasure to see you in England, and stop long with you. I reside here from Midsummer till near Christmas, and at 40 York Terrace, N. W. the other half of the year.

Coming from a country of several winters, you would be astonished at our evergreens in this part of Somerset. A friend of mine, Sir Hamilton of Fyne Court, near Bridgwater, has eleven laurels, Prunus laurocerasus, 70 feet high. Another friend, Sir James Randolph

New York
12th Nov. 64

My dear Sir

Before leaving America as I do tomorrow, I allow myself the pleasure of expressing the agreeable recollection that I shall have with me of the kind reception you gave me at Cambridge. Should it be possible that I can be of service to you in Jamaica, address me at the Kingston Post Office. I shall stay there the winter months, and as I find comfortable quarters on est either remain the rest of the year or come over to Mobile and

Neither in Mr Carey's Herbaceum nor in Oakes's do I find the Betula that I brought from the White Mts and which I believe to be the same as Nuttall's Rhombifolia.

In regard to your projected visit to England I can only wish it may be as agreeable a one to you and Mrs Gray as mine has been to the United States. When you are in London, you will of course see the Royal Botanic garden in Regents Park - a new creation since you were there - in care of mine Mr E. Prior, 40 York Terrace, Regents Park takes great interest in it, and if you should not be already provided with a ticket by other friends will I am sure be proud to accompany you there.

Believe me most sincerely Yours
R C Alexander

after exploring Alabama work up the Mississippi to Canada. In England the best place to inquire for me will be the Union Club House, Trafalgar Square, London.

Since I took the liberty of making some remarks on the difficulty I had with the forest trees the Misses Morris have told me. Yet others confirm, that it is a well known fact that Carya nuts when sown do not all come of the same species. Mr T. P. James has accompanied me to Redbanks to see the Oak of which I enclosed a leaf, and was so satisfied that it was a distinct and undescribed species that he climbed to the top of it in search of acorns, but could find none, and has engaged to get some cuttings of it grafted on other trees next year. Col: Carr and Kilvington, a nursery gardener at Philadelphia, told me that that tree has been a puzzle to them always, and is certainly an unnamed one. Its whole growth is very peculiar with the large boughs deflexed at a right angle. It is not in any of the Philadelphian botanic, nor in Mr J. Carey's of this place. — The tree has been perplexed with the Carya.

Acer glutinosa has certainly been introduced. I have since been shown two trees of it in Franklin Square —

21 Nov. 1850

Walse House,
nr Taunton.

Dear Mrs Gray

I beg to thank you
very much for a copy of the
"List of Writings" of your late
so highly respected husband,
and for a "Memorial" receiv-
ed a few weeks ago.

Mrs Hancock rejoices with
great pleasure to your visit
here and desires me to convey

her very kind regards to you.

Mrs James and her youngest daughter, as you probably know, are living near Exeter. I have not seen them this summer, but had a letter from the mother a few days since.

With repeated thanks for your kind remembrance of me

Very truly yours

J R C Prior

Portneuf, C. E. 28 Février 1863

Monsieur,

En réponse à votre lettre du 13 du courant, je dois vous dire qu'il est de fait que je n'indique nullepart la provenance des grouses que j'ai fait copier pour ma — Volume. Avant de commencer ma publication je me suis adressé à vos éditeurs Messrs Phinney de New York pour obtenir d'eux des électrotypes de vos grouses, mais n'en ayant point obtenu de réponse favorable, je me suis décidé à en faire copier quelques unes par un artiste de Québec, pendant les

prendre dans différents auteurs. Cependant le gravure dans le cours de l'ouvrage présent copier sur votre Botanical Text Book, il s'est trouvé qu'à la fin je n'en ai point pris ailleurs et si je n'en ai point indiqué la provenance c'est uniquement parce que le choses ne m'est point venue à l'esprit. D'ailleurs je ne pense pas que cela puisse vous être dommageable, car vos ouvrages ne sont que très peu connus de la classe française en Canada et le mien le sera encore bien moins chez vous. Dans tous les cas c'est un oubli car rien ne m'aurait été plus facile que de faire mention de la chose.

Je vous serai obligé si vous voulez bien me faire adresser le numéro du journal qui contiendra vos remarques.

Veuillez bien me croire, Monsieur, avec estime & considération votre tout dévoué serviteur

l'Abbé Provancher

Mr. Asa Gray
Cambridge
Mass.

Brodiaeas

Ukiah. Cal. April 17th

Teren Watson.

Dear Sir:

In continuance of our study in Erythroniums, I mail to day, two very fine large specimens of E gigantium from Astoria. & one specimen E Howellii.

E gigantium is the nearest the E grandiflorum (?) of any I have seen. It appears different in many ways, but only in proportions. I suppose whether in unopened bud, or flower, at any stage is larger, the segments of style longer. Size of flower practically the same. Shade more of green & yellow, as a rule yellow in the other. I believe that the bulb will show a clear distinction. Leaves do not. Too while my E gigantium does not show the rich mottling of segment in E grandiflorum (?) yet many specimen of the latter are as lightly mottled.

Of E Howellii I have already written.

I also send box of two Brodiaeas. One has longer leaf & peduncle & nearly B. capitata. The other would seem to be B. multiflora but is clearly hexandrous. The alternate stamens

half size but perfect. indeed in the stamens & corolla the two seem identical. Otherwise they are very clearly distinct, Corm & Scape is deeply seated, grows in deep loose soil & rocky. "General habit well described Greene's. Studies in the Botany of Colo & parts adjacent".

The other is short stemmed, grows in clay hills. Corm very shallow seated, & clearly distinct from all the Bodieas. Leaves often broad at base and acuminate.

The specimens sent of this are some very strong plants from cultivation, & a few from ordinary wild type, & size.

Those of Scape, are from cultivation, but good examples of the ordinary wild form & size.

The many pedunculed style is common with S. multiflora (?) rare in Scape.

I sent you a small Brodiaea also hexandrous from Utah. I have also seen a hexandrous form very like S. congesta at Monterey, evidently Greene's S. multiflora. This would make two undescribed species of Brodiaea with six perfect stamens.

Capronos of Greene. I have a clump of Strophobrion. here. They are budded, and stems growing fast. They commenced to twine from the very first, much like a honeysuckle, & now with flowers not fully developed, have five or six turns.

Respectfully
Carl S. Sadler.

Ukiah Jun 5, 1881

Sereno Watson

Sir. I inclose specimins of a Brodiea that appears to be new. It belongs to the group Enbrodiea & is closely related to B. Minor & B Terrestris. It agrees with the general characters. Here is the description.

Stamens 3 opposite inner segments of Perianth. and alternating with three Staminodia which are oblong about ½ long & deeply emarginate & white. Flowers in loose umbil.

Pedimeles 3 and — 4 inches high. Pedicils 6 to 12 lins long. and 3 — 6 in number. Leaves nearly linear.

Anthers narrowly oblong. emarginate at top Sagittate below, and with an appendage at their back as long as they

are and uniting them to the pricani
& Anthers not as long as Staminodia.
Capsule trigetrous 6 lines long including
Style. Cells more than three seeded.
Bulbs small fibrous coated.
Plentiful on a high mountain side
In vicinity of Ukiah Mendocino Co.

You will see that these specimens are
barred from Brodiea Terrestris by
the white Staminodia & shorter pedi-
cels & longer pedunculs. from B. Minor
by the many seeds. From B. Grandi-
flora by many points.

By whom are the descriptions in
the Golgical Survey written, by
yourself & co laborers or by the founders
of the species. Hoping to hear from
you soon I Remain &c

Carl Purdy
Ukiah Mendocino Co Cal.

Ukiah Cal July 31 90

Mr Sereno Watson

Dear Sir

Yours received of date July 25, and I am obliged for facts contained. As regards C. pulchellus I agree with you in naming spotted var var maculosus. It may be true that in dried specimen it is difficult to distinguish between variations of C. Nuttallii. In blooming plants a very marked difference is apparent between C. Nuttallii & C. Leichtlinii, although analytically they be very near alike. It seems, to me however that if plants of the two ~~species~~ grown side by side are so different in appearance that any one would notice it. and if blooming plants of the one are all very similar. while the other varies greatly. but does not approach the former. I should say there was room for a variety, if not a species. However I hope, to bloom a considerable number of bulbs of both next year. and we can study further on the subject. An odd feature in Calochorti met my eye this season. It is in C. luteus- (vernalis) ovalatus. I found on an elevated past mammae flowers of very brilliant coloring. Some of these had the ordinary lunate gland. but in some

the gland is doubly lunate like this two connected curves. Have you ever had a similar instance come to your notice. I found these in similar situations for several miles. Frequently clearly a double crescent, often not so clear, and many the familiar form. If the gland in Mariposa is not to be relied on, where are we to find characteristics for the species. You have doubtless seen and studied the Rev E L. Greene's article rearranging Brodiaea, published several years ago in Proceedings of Academy of Science of Cala. Mr Greene has brought out some new points in his descriptions, but I distrust of all of his new species until I see them and make a careful comparison, I fear that Mr Greene does not make a proper allowance for variations which are merely the effect of soil or climate. I believe that under the test of being grown side by side many of the new species will prove false. I remember one instance where I collected a fine lot of Brodiaea laxa, of a fine porcelain white and felt rather happy over my find. I dug them in a wet spot and planted in beds, Next spring all bloomed the ordinary purple. Brodiaea laxa var lilacina owes its color to the same cause. I shall distrust Brodiaea peduncularis until well tested by growth and so ones.

Very Truly Yours

Carl Purdy

Utah Cedar June 8th 91.

Sereno Watson
Dear Sir,

By to day mail I send you some bulbs & capsules of F. pudica. I collected some good F. recurva not far from here, and send you a few of the largest in their numbers. I also send some of various ages from Butte Co, from those flowers I sent you. I shall you capsules taken from the bulbs here in this section.

Yours Truly
Carl Purdy

Wash Coll. June 12 - 91.

Prof. Watson

Dear Sir.

I mailed to you some bulbs of Brodiaea capitata, type, & B. caudata Tall growing. The comments are typical. The latter has a reddish fibrous coating & the bulbs are large, the former they are very small. Those sent are good examples, except that in cultivation the coating is not so thick as when wild.

Yours Truly

Carl Purdy

Chico Cal June 27 91.

Sereno Watson

Dear Sir.

In answer to your of June 19.

E. Grandiflorum (newsp.) often has offsets close to and parallel to the bulb usually on the side and oftener within the sheathing. No runners.

In the E Smithii which I have handled I do not recollect seeing any offsets but there may at times be. I will when among E. grandiflorum again secure some bulbs for you to view offsets. I must with interest your findings on the forms I have sent you. At present the matter is so much confused that I hardly know what more to send. Bulbs out under. Now will you designate the two forms of Brodiaea capitata, as you so consider them. If the low form is B capitata please write me a name for the other variety.

I have been collecting bulbs of Calochortus

limitus var oculatus, and C.-L var citrinus.
North of Ukiah the former is the only one.
For some twenty miles down the valley the
two forms hybridize in very large numbers.
In the Russian river cañon, and south through
Sonoma Co, only var citrinus is found,
and very uniform in its characteristics.
Toward the Sacramento valley, in Yolo
Co. the var citrinus is the only one.

This week I was digging var citrinus. On
a hillside they were pure, a few yards in an
adobe (black sticky clay) soil. The var oculatus
were pure and extremely fine, large flowers. The
clay streak marked the other color soil zone
above and around it, and on the three sides the
var oculatus grew unmixed, running into the other
on the border. I know that the color of the
ideo mor depends on the soil. and the "thing" pla
me.

Yours Very Truly
Carl. Tidy.

London, Feby 28/44.

G P Putnam

My dear Professor,

Your favor of Feby 1. was duly rec.d in spite of your frozen thermometer.

I have ordered De Candolle Theo. Elem. de Bot. 3.e ed. and Progymt Enumeration &c — from Paris, whence they will reach you via New York — And I have sent Hoffmeyer's Flora Cent. G. to Mess.rs N.Y. from B. D. Greene Esq. as per your direction & am much obliged for your kindness in sending him our Customers. —

We have now a regular Correspondent in Hamburg & can obtain whatever you may require promptly. If any books pass through England

Asa Gray
Cambridge Mass.
U.S.A.

they of course cost a somewhat more, but they reach you by the steamer much sooner. Any further orders can be shipped however direct from Hamburgh to New York. —

We can obtain anything from St. Petersburgh through Dulau & Co — but have no direct correspondence there.

I send a ream of note paper & envelopes, for you to write to New York. —

The letters you enclosed were duly forwarded by post.

I shall be quite delighted to take chops with you again — not at Bolly's — but at our house No 31 Euston Square — with a lunch at our new premises in Waterloo Place (I mean the Duke of York's big Column. We have a famous place there & shall remain on the 15th March. — Do come & make us a visit — You shall see what the "American agency" is becoming famous & the Pictures will be found, & show you her Conservatory & her Daughter —

Meanwhile believe me dear Sir Very faithfully Yours

E. W. Putnam

Prof. A. Gray

Prof. Asa Gray
Cambridge Mass.
U.S.A.

5

Waterloo Place
London Jany 26/46.

My dear Professor Gray,

Your favour of 29th Decr. was duly rec'd. & the letter to Prof. Arnott promptly posted. You wrote for the book before I had time to explain before hand that we had not got it. — It is very strange, but Riley has never sent me a copy of that ed'n — it has been overlooked in some way I wrote specially about it two or three months ago — I hope they are now on the way. I have ad'd it conspicuously in our new Catalogue & have no doubt it will sell well. It will of course be a capital thing for Mr Arnott to introduce it at Glasgow. I have written to him explaining that there has

been done one night — so that a Copy shall be sent to him the moment it arrives.

The parcel you expected from Kensington was forwarded some weeks since by Packet via N.y. — I can always send your parcel direct per steamer if you wish, — but this is expensive

Our two daughters & Son & Mamma flourish finely in Kinkinbar the Cottage. This is the climate for hardy plants

I am dear Sir, Yours faithfully

Geo. P. Putnam

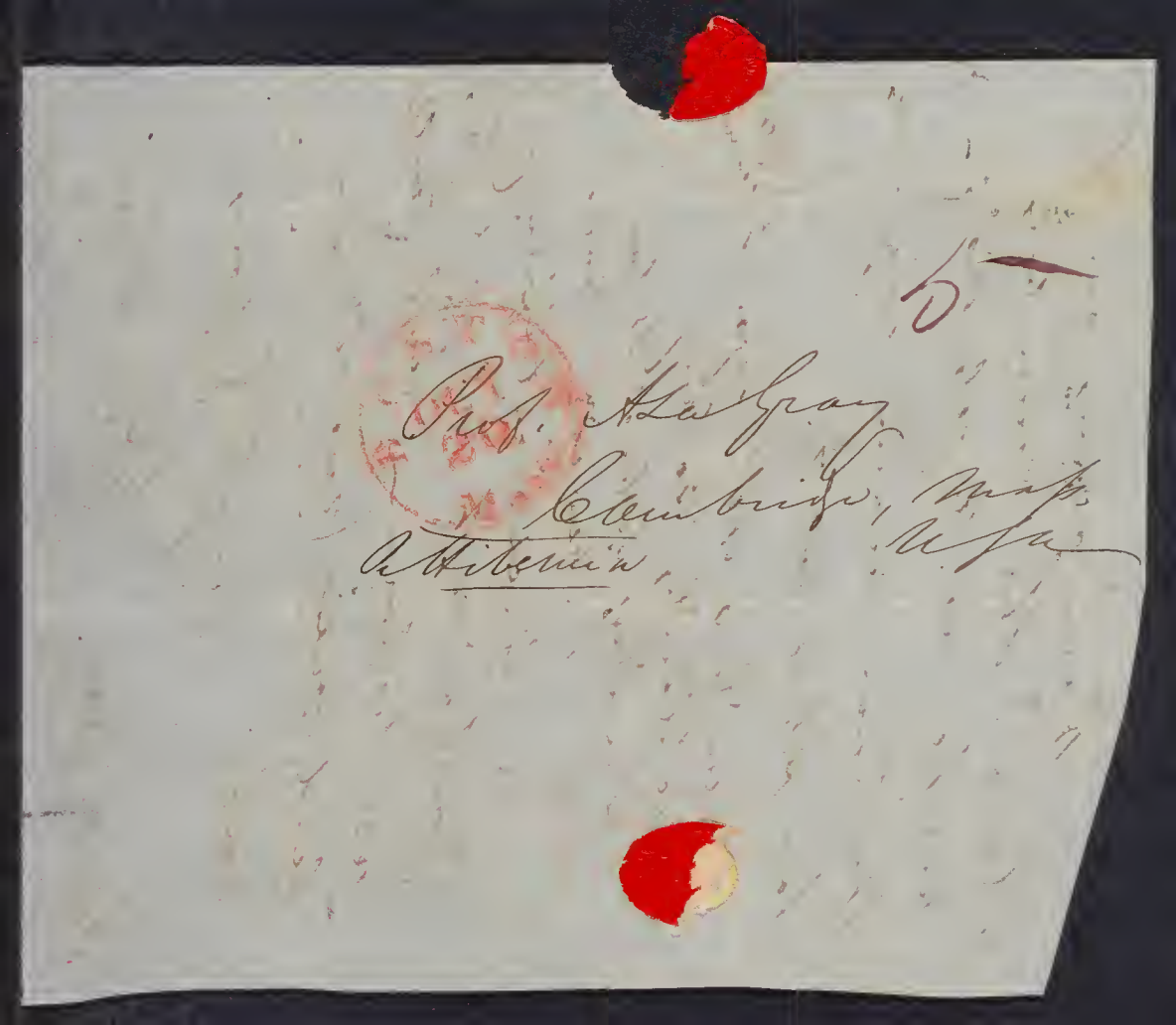
How comes on the
Flora? The numbers
make us Angels visit—
We have many inquiries
for pt. 4 with.

Lindley's Nat. Sys. 3d Ed. both
Schleidly Botany
Lindley's School Botany
"new ed^n." — none
since last Spring—
You had not ordered this
last before — but I will
send one (2nd ed^n) for
next

Very truly Yours

G. P. Putnam

Prof. A. Gray.



153 Broadway New York
May 5. 1894

My dear Professor,

Wherein have I offended thee! —

Could you not have given me the [illegible] of having any business connected in Norway with either of your newspapers! —

So far as the Cast-one is concerned I had not the slightest intimation in any way that it was coming and, of course you would do as you think best but it is not for me to find fault or censure in so doing — And as you have

how grand I should be to hail undergoing the name — of Lawrence Jerrold Esq^r. to please you. I did think you would not forget me altogether.

Pray excuse me for troubling you so much — but I find these new arrangements will make it necessary for me to speak to you myself — even more than my modesty would warrant.

My agency is continued in London in a new & I trust more satisfactory shape. Mr Rob^t. Colp acting for me "Putnam's Agency" 142 Strand London.

English books Delf purchased for me by my name — & Chapman will do my business in American books.

If you know all, you would admit that I am entitled to a fair share of all the "former favours" etc.

Whenever I can do anything for you, pray give me an opportunity, & believe me,

Dear Sir,

Very truly Yours

Geo. P. Putnam

Prof. Asa Gray,

Cambridge

New York Dec. 27. 1845

Prof. A. Gray,
(Cambridge)

My dear Sir

I have your favor of
25th. The second copy of Journal of Botany
will be ordered by next steamer, to be addressed
to W. S. Sullivant Esq, Columbus, Ohio. Bill for
it enclosed. If you will order from
Wilkins & Carter the paper for Botanical Text
Book as you proposed, I will leave it to
you entirely to select the size & quality. I think
the paper at 14 cts per lb ought to be quite good
enough — but I have no doubt they will charge
the Eight price for such as is suitable, which
you can judge better than I. I suppose you
will be ready to print as soon as the paper
is made?

The General goes slowly: but this
is natural. I shall try to give it a start in the
Spring — shall write to Kelp to advertise it
again, more conspicuously in the Athenaeum

I enclose the notes as arranged.
How will the plates be for the volume, bound
& del? Bruce? I cannot ascertain at this mo-
ment, but I think the sheets should all together
at one place.

I enclose a/c as you desired, though
I am not quite sure it is made right. Please look
to it if it is not. Gould & Nor. are extended blank — has
no agreement — Short's signature had one cty at $1.—

Very truly yours S. F. Gray

A happy New Year to you & Mrs Gray!

Geo. P. Putnam, American & Foreign Bookseller, 155 Broadway, New-York: and 49 Bow Lane, Cheapside, London,
[late firm of "Wiley & Putnam,"] Purchasing Agent for the Trade and for Public Institutions.

New-York, May 8th 1850

Prof. Asa Gray
&c &c
Cambridge

Dear Sir

Your favor of 8th inst. is at hand.

The parcel alluded to in Mr Röding's letter marked ✡ 7 is that I am now engaged in clearing & came by the Ship Julian from Bremen and not from Hamburgh as I inadvertently mentioned to you. I have spared no exertion in trying to clear it, but the delay has been occasioned in the Custom House by its being necessary to have the contents appraised in absence of any invoice - a process which is here always attended with delay & trouble.

The Box from Antwerp by the Jane L. Williams I have had here for about a week past but following your instructions have retained for the purpose of sending along with the above package.

The Box of Dried Plants by the "Prince Albert" from London which the writer spoke of to you turns out to be for Professor Silliman of New Haven.

Your instructions as to Botanical Text Book are noted.

I return you enclosed Mr Röding's letter.

Yours very respectfully
George P. Putnam
per D. M. Bridges

Prof. A. Gray.

New York May 20. 1850

My dear Sir,

I enclose the agreement fixing the sum of $300 for the ed.n as you suggested. I have not estimated what the cost & profit would be, but I am quite ready to meet you in any way to make the copyright definite.

I send today per boat 25 cubic feet Book & yield of 2 General Nurs. Cyl. in all. These are the first of this description — I am having a stamp cut for the cover of cubics to be bound.

Yours truly

Geo. P. Putnam

Geo. P. Putnam, American and Foreign Bookseller and Publisher, Purchasing Agent for the Trade and for Public Institutions.
Agencies at London, Paris, Brussels and Leipsic.

155 Broadway, New York, Sept. 12 1851

Prof A. Gray,
(Cambridge)

My dear sir

I am very glad to learn of your safe return. I have no parcel here for you except a single pamphlet which I will send by the 1st opp.

The "Opinions" has just arrived & I have made an entry of the three cases for you — If you could send an invoice or list of contents it would facilitate progress with the C.H.

Sorosis are here I am thankful to say. One was rec'd. here a week ago which was sent to Mrs Cunningham.

This is Rude talk such as there is a great bustle & flurry about — but we shall be more quiet hereafter.

If you get any news what you expect to receive besides the above I will take notice

Very truly Yours G P Putnam

Geo. P. Putnam, American and Foreign Bookseller and Publisher, Purchasing Agent for the Trade and for Public Institutions.
Agencies at London, Paris, Brussels and Leipsic.

Extract of a/c

155 Broadway, New York, Sept. 29 1851

Prof. Asa Gray

To GEORGE P. PUTNAM, Dr.

Apl 11	To. Expenses paid at Customh. on			
	℔ 74840 : One case of Glass			
	Wares ex Ship "Howard" :			
	viz. Duty thereon $64 @ 25%		25 60	X
	Oath & Permit		40	
	Storage in Public Store		1	
	Cartage 25¢ & Brokerage 1/		1 25	
	Comn. 10% on $28.25.		2 82	31 07
May 5	" Expenses at Custom House on			
	VM. 12. One case Books & Mantillas.			
	viz Fees 80¢ Duty $3.10		3 90	
	Storage & Cartage 60¢		60	
	Brokerage		1	
	Commission 10% on 5.50.		55	6 05

Bill of Lading for case ex vessel from Hamburgh was rec'd a few days since but the Vessel has not arrived.

New York Sept 6th 1851

Prof. A. Gray,
(Cambridge),

(My dear Sir. I delayed replying to your last letter simply because the Specimens were promised the "next day" — "tomorrow and tomorrow" till now — They are at length waiting & the box sent to Kinsley & Co. this day.

There is another package — ex Canada from Havre now at Boston — which will be delivered to you by the bearer at Boston, tomorrow or next day.

The cases referred to as having been sent to Mr Cunningham some weeks ago were those ex Howard from Hamburgh, in April last — ex "Franklin" from Havre in May last. Annexed herewith are the particulars of expenses, so that you may see what the Contents were. A letter of advice was sent to Mr Cunningham at the time these cases were sent so that I think there could not be the ones that are missing — I do not find any record or advice of any other cases than these two, that are now at Boston, the three packages I sent to day. —

I enclose letter just rec'd from you, probably advising others. —

The missing packages from Hamburg I think must have been sent — at least Mr. Cunningham's Invoice — but if so they must have been packed together in Boxes, & sent — Sometimes, smaller Boxes are packed in larger ones for convenience, & it is possible that the missing packages may be in some of the Boxes sent. It is very hard to get Boxes, & Packages, & Invoices, & Bills of Lading clear in the way of attending to, but I will always do my best. It's a minute past 3 & I have been in a hurry all day — but I will always do my best to avoid hurry in the business. Yours &c Putnam

P.S. Mr Cunningham should be informed that the Specimens from Hamburgh will arrive at Boston sometime since — but the exact time cannot be stated. I will write him myself tomorrow.

Putnam.

Putnam —

Geo. P. Putnam, American and Foreign Bookseller and Publisher, Purchasing Agent for the Trade and for Public Institutions.
Agencies at London, Paris, Brussels and Leipsic.

Prof. Asa Gray 155 Broadway, New York. Oct^r 15^th 1851

To GEORGE P. PUTNAM, Dr.

To Expenses at Custom House. viz.

Addressed "Copernicus" — 2 Cases

Duty 8.50 Apprais^t & Orders Fees 1.20 9 70

Storage 1.05 Brokerage 1.50 2 55 12 25

D.C 3 "Factory" — 1 Case

Duty 5.20 — Fees 80^ 6 00

Storage 66^ Brokerage 1.00 1 66 7 66

21 91

Commission 10% 2 19

$24 10

Sperry attached us in $60. in the Palmer & Hall case. Lyell testifies on your valuation $150. - We owned $336. about $336.

New York, Oct 30th 1857.

Prof. Asa Gray
Cambridge
Mass:

Dear Sir.

I enclose invoice of a "General Average," which I have this day paid on your account, to the owners of the Barque "Copernicus" -

The value of the cargo amounted to about $26.000
and the extent of damage was. on Genl average - 6.000
on owners a/c. 3.000

making $9.000. - It is on the general average that the 23÷% is charged to you -

If your case was insured, you can recover the amount from the Insurance Co

You will perceive that this payment was inevitable* as it was assessed upon all who had goods on board, as is usual when expenses accrue for saving a vessel in danger. If insured the Insurance Co will pay you the amt. I have had to pay the agents in cash today. — As soon as you execute the amt. giving power of Att. I can collect the amount from the Newton Insurance Co

Very truly Yours
E. P. Putnam

the Invoice of Sir I. Newton, has been rec'd
and the value shall be recovered as
soon as possible—

New York, Nov. 25th 1837

Prof. Asa Gray

Dear Sir.

Our Custom H. broker has
searched all the manifesto of every vessel
bearing the name of "Baltimore" without any
trace of the case for you — The ship from
Havre has no mention of it — Have you
a bill of lading or receipt, by which I
can trace it to the owners?—
I am sorry there should be so much
trouble about your goods, but I hope
you will be able to give some information

I am Dear Sir
Yours truly
for G. H. Putnam
Wm H. Talbot

G. P. PUTNAM & CO., American and Foreign Booksellers and Publishers, Publishing Agents for the Trade and for Public Institutions.
[GEORGE P. PUTNAM. JOHN W. LESLIE.] Agencies at London, Paris, Brussels, and Leipsic.

10 Park Place, New York, Oct. 22 1852

Prof. A. Gray
Cambridge,

My dear Sir

There has been
no time lost about the Hamburg
vessels, though you may think
so. The case ex Howard
from Rodrigues comes to us "Non-
distribution" without invoice.
It is this moment rec'd from
Custom House. It is of it
consists of pieces for Exam. & the
Academy to be sent to
once (for Express) the
paid under bill of Lading
pay the expenses. It had
also small parcels for Phila
Cincinnati & Boston for you which
contained Kunth vol 6. & Grass
Plantarum Supp. which Mr
Carey took when the case was
opened, saying they were for
him, which I suppose is all
right. There is a case

Among the C. H. marked
T & C. #10. Case 1 vol by Putnam
"from the Continent via Liverpool
do you know any thing of it?
3/4 ths of the trouble &
delay in these cases is owing
to want of invoices & full
advice.
How does the Post-
Book forget? Will you read
& leave it at Cambridge or can we do it
here? Hawtrey will be
be ready for Prof. We ought
to leave it ought by Feby.
Sincerely Yours
Very truly yours
G. P. Putnam

12. X

G. P. PUTNAM & CO., American and Foreign Booksellers and Publishers, Publishing Agents for the Trade and for Public Institutions,
[GEORGE P. PUTNAM. JOHN W. LESLIE.] Agencies at London, Paris, Brussels, and Leipsic.

10 Park Place, New York, Oct. 20 1852

Prof. A. Gray

My dear Sir, I am sorry that you cannot plenty it this time — but of this is impossible we won't grumble about it.

If it is essential that Metcalf & Co should do it, please put it in their hands on our a/c: but I presume they will charge the New York rates. We pay here 40 ct per M. for printed matter & 45 ct for M.S. paper work 40 ct to 45 ct. for double paper. I believe Metcalf only print on single paper. What it cost us just double for print work? —

I presume we had better have the same paper as before from Wilkins & Carter. Will you ask Metcalf to estimate the quantity wanted. Say 2500 — & to get samples of Price from Wilkins? —

We will send two copies for your use, either to day or Monday.

Very truly yours
G. P. Putnam
(per J. C.)

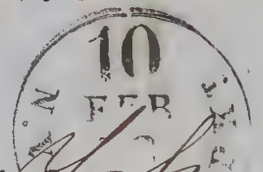
75
45
30
20

Balance By 70. 2

The former statement called for a balance of
By 166-4- as we knew nothing of the change for
By 96-2 - we did not accept his (Rodney's) draft - he
now withdraws the 96-2 - which according to our
leaves his statement
books is correct

per Steamer via England

Messrs
Gf. J. Luttman & Co



69 New York.

March. 23 -

GEO. P. PUTNAM & CO., American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and for Public Institutions.
[GEO. P. PUTNAM. JOHN W. LESLIE.] [Office of Putnam's Monthly.

10 Park Place, New York, March 14 1854

Dear Sir,

The announcement contained in the enclosed will doubtless occasion some surprise. It is somewhat sudden, but the measure was not decided upon without careful deliberation and the conviction that it was dictated by an honest regard for the mutual interests of those concerned.

We should not have made this announcement without previous consultation with all our author-friends, had it not been necessary to secure the present opportunity of the New York Trade sale, now in which is now going on; and the decision was not made until this day. We hope to show you that we have had your interest in view, as well as our own, and you will find that the sales of the plates of your work will not be completed without any one that our own contract for the copyright are properly understood & assumed by the purchaser. (future editions)

For all copies already printed we shall account to you as usual.

We shall be glad to see you at the sale, if you can make it convenient. We can but hope & believe

that under the new administration
of your work it may receive a new
impulse, and yield a better return
for the author than we have been
able to render heretofore. This
with great reluctance that we
part with it.

With high respect, dear Sir
Very truly yours
G. P. Putnam & Co

GEO. P. PUTNAM & CO., American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and for Public Institutions.
[GEO. P. PUTNAM. JOHN W. LESLIE.] [Office of Putnam's Monthly.

10 Park Place, New York. March 14th 1854

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We should not have made this announcement without previous consultations with all our Author-friends, had it not been necessary to secure the present opportunity of the New York Trade sale, which is now going on, and the decision was not made until this day. - We hope to show how that we have had Your interests in view, as well as our own, and You will find that the sale of the plates of Your Works will not be completed without due care that our own contracts for the Copyrights of future editions are properly understood and assumed by the purchaser. —

P. T. O.

For all Copies already printed we shall account to You as usual. —

We shall be glad to see You at the Sale, if You can make it convenient. —

We can but hope & believe that under the new administration of Your work it may receive a new impulse, and yield a better return for the Author than we have been able to render heretofore. — It is with great reluctance that we part with it.

With high respect, dear Sir
Very truly Yours
E. P. Putnam & Co

Prof. A. Gray.

** The above refers to the General only. We reserve the Text Book course. Pray let us know just how you consider the General interest stands, & what are your wishes, and whether the copyright as is correctly stated in the proofs. Only make your wishes & stipulations as early as possible to aid us in our present purpose, We are sorry to have so little time to explain The ~~last~~ 23d. is the last day of the Trade sale.

G. P. Putnam & Co.,
American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and for Public Institutions.
George P. Putnam, John W. Leslie.
Agencies at London, Paris, Brussels, and Leipsic.

10 Park Place, New York, April 7th 1854

Prof Asa Gray
(Cambridge Mass)

Dear Sir

A short time ago we received the enclosed letter from Mr Roding which explains certain charges that we knew nothing of - that appeared in his former statements - the balance to his cr we will place to your account if you desire - very Respt

Yours Etc
G. P. Putnam & Co
A L A. Dix

G. P. Putnam & Co.,
American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and for Public Institutions.
George P. Putnam,
John W. Leslie.
Agencies at London, Paris, Brussels, and Leipsic.

10 Park Place, New York, April 24 1854

Prof. A. Gray (Cambridge)

Dear Sir

Your favor respecting the Botany Exp. Exp. was duly rec'd & the terms have been forwarded.—

Returning the two Nos. to be equal in bulk to the others at the price you mention—($10. & $15)—we will take the 100 copies at the price you mention, viz. $400. for text and the cost of paper & printing 150 copies for the 100 copies of plates—giving our notes at 6 & 9 mos. as we did to Prof. Dana.

The "Crustacea" moves very slowly. We hope this will go faster. Perhaps [illegible] such works as these does not offer much attraction in direct profit—but we are glad to be connected with them for the credit like as works of high character.

We should like to have our names in the title page. Please let us know when to expect them & send us title & specimen sheets as soon as possible.

We have reported as the Genera which is on our list as before. At the earliest moment you shall have a copy of this work.

Very truly Yours G P Putnam & Co

We will also give the Plates in this work to the Government for the Pacific Railroad Survey, if it can be arranged satisfactorily to you. Will you kindly inform us upon this point?

G. P. Putnam & Co.,
American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and for Public Institutions.
GEORGE P. PUTNAM, JOHN W. LESLIE.
Agencies at London, Paris, Brussels, and Leipsic.

10 Park Place, New York, May 6 1854

[illegible]

[illegible] Hamilton, Maine State in the
(Shall please also)
[illegible] which must be
[illegible] to the succession of Lowell [illegible]
[illegible] ever to for delegates.

We did not [illegible] how you would
[illegible] by [illegible] of the "Bostonians"
[illegible] The [illegible] is still very
[illegible] the
"light" here [illegible] all our
spare funds. (Can the payments you
[illegible] be made in our notes at short
dates, — say 4, 5, 6 mos? — We would
like to the point to you, although it
will take us a great deal longer time
to get the money back.

We will not object to your
selling the 3 volumes as your proposal —
There need not be a London
title — as we have 3 correspondents to
claim the honor.

If it [illegible] to you to
[illegible] a moderate portion of the
[illegible] in sheets we must [illegible] to have you bind
[illegible] for the [illegible] now. —

Yours very truly
G P Putnam & Co

We [illegible] a [illegible] of the [illegible] we
[illegible] by [illegible] explanation
[illegible] one [illegible] for
[illegible] your

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New York, May 10th 1854

Prof. Asa Gray

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[GEORGE P. PUTNAM. JOHN W. LESLIE.] [Office of Putnam's Monthly.

10 Park Place, New York, May 11 1854

Prof. A. Gray

(Cambridge) Dear Sir, Your favour of yesterday is rec'd.

Your draught for $80. shall be duly honored on sight of Text Book when [illegible] and we will give our notes as proposed at 6 & 12 mos. for $1400. for 100 Expl. Exp. 3 Botany and Settle for the plates when sent at the cost of printing & paper as you proposed.

In regard to the retail price of the Atlas, we shall prefer not to be restricted as to the retail price until we know just how much it is to cost. But we should not differ with you if you were to name it.

The probable cost of printing & paper of the Plates

Truly Yours

G. P. Putnam & Co

Even a tree — though it may
cast its leaves & get rid in its bla-
is yet exposes too much surface
ordinarily to endure a climate of
little rain — . or if ~~rain only at~~
no rain in the wamp season !

Roots there !

But no rainless region
has trees —

No region where the rain is not
mostly equally distributed thro year

N. Holl.

2 / leaves harden.

& adjunct.

G. P. Putnam & Co.,
American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.
GEORGE P. PUTNAM,
JOHN W. LESLIE.
Publishers of Putnam's "Monthly."
10 Park Place, New York. June 2d 1854

Prof Asa Gray
Cambridge

Dear Sir

Yours of 31st Ult is this day rec'd & we have written Mr Sherman to forward the sheets to our bindery here.

Enclosed please find two notes in settlement (of $200 each) as requested @ 4 & 6 mos. Will you be good enough to send us an Invoice of the purchase, receipting for the notes in settlement, by return mail.

What is the position of the plates as to completion, cost, &c?

Yours very truly

G. P. Putnam Jr

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

George P. Putnam,
John W. Leslie.

Publishers of Putnam's "Monthly."

10 Park Place, New York. June 14 1854

Prof. Asa Gray

Dear Sir

Your favor of 9th inst is at hand we regret to learn by it that the "Wilkes Report. Bot. Syst." vol 5 is incomplete. Mess Westermann & Co propose mised to write to the Superintendent by first steamer and we will forward to you as soon as received

Yours truly

G. P. Putnam & Co

per J. W. Leslie

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New York, June 15 185

M Prof. A. Gray
Cambridge

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JOHN W. LESLIE.

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1 Bauer's General Tables, 4to 1/2 mor. 8 — 32 50

Shipping Instructions — 31

32, 81

Forwarded Pullman (Way Freight)

L. Adams Express

Bill by mail

New York June 24. 1854.

Dear Sir

We are favored with yours of the 22.d inst. The Copy of "Bauers General of Ferns" which we recently sent you was bought by our agent in London from the publisher, H. G. Bohn, whose price for it "in half morc. extra top edge gilt" is £6. 6. 0. What we charged you for it left us but a very small margin on the cost. The copy which you bought of us some years ago was one of a few which Bohn sent out here for Auction sale, and which we bought so cheap that we were able to sell it to you very much under the usual rate. We are sorry that you ordered the book at the special price you purchased the first Copy at, but you will observe from our having obtained it in a different mode it is not in our power to sell it at the previous rate. The clerk who recorded

you order was not aware of the circumstance or would have notified you

We expect to get Copies of "Botany of W. Expedition out of the binders hands in the course of next week

Yours very truly

George N Putnam
J. M. Bridges

Prof. Asa Gray

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

G. P. PUTNAM,
JOHN WILEY,

Publishers of Putnam's "Monthly."

Park Place, New York, July 12 1854

My dear Professor,

I fear you will be somewhat impatient about the delay of your copies of Botany Exp. Ex. — The negligence is not ours — but the binders has been having alterations in his premises, ever since this work came, & he has not been able to get them done before. Even now he tells us we must wait till next week, as the book is a difficult one to fold & collate. But we are constantly at him, & will not lose a moment in sending you copies as soon as they come in.

Very truly Yours G. P. Putnam

P. S. — Private. Mr Bryant says "your Botany is very good" but I find it does not sell to students & Mr Dana says "this price is 1.50 and should be 2.00" My self & partners think it is too low, but we always yield to the judgment of authors. We charge us that price, & we charge you what you ask.

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE.

Publishers of Putnam's "Monthly."

10 Park Place, New York, July 12 1854

Prof. Asa Gray

Dear Sir

In reply to your favor of yesterdays date we would state that we make a point of always keeping a few copies of your "Manual of Botany" on hand, although just at this moment we happen to be out of it having sold our last copy about a week ago and thro an oversight neglected to order another supply. We do not know however of one having received any application for copies since then. Had we had we certainly should have forwarded to order some from the booksellers at once. The usual price we make $2. pay. Mexico Munro - " 1.50, and on your new or "Trade" orders at 1.60 per copy nett.

Yours truly

G. P. Putnam & Co
per E. M. Bridges

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE.

Publishers of Putnam's "Monthly."

10 Park Place, New York, Sept. 15, 1854.

Dear Professor,

We find ourselves in advance a corner that we must make some Period arrangement with our creditors on Friday morning at 11. As I suppose you cannot conveniently come again, may I hope that you will intimate your willingness to assent to what may be arranged by those present?

In haste,
Your humble friend
G. P. Putnam

Newport R.I. Sept 22. 1854

My dear Professor,

Your note of 15th should have been answered sooner but I have been very busy as you may suppose.

The most distressing part of this matter to me has been the anxiety about the inconvenience it might give others. But it was very gratifying in the midst of the mortification, to be met, as I was, by the most prompt, liberal and ready confidence and acquiescence in what was thought necessary to make matters straight — comfortable for myself. This was all done promptly & without dissent — the three or four Boston men being foremost in confidence and good will — one of them (Mr Kendall) representing an a/c of $8.000.—

I was thought best by others that the extension should be a long one — so that it might be all that could possibly be needed — (bearing

extraordinary (contingencies) — and so they (madeira 6, 12, 18 & 24) do without interest. (Of course this had to be expected of all, if any, for uniformity was essential to the completion of the arrangement — and it would be superfluous promise for me to volunteer 2 per cent pledges about doing better in individual cases.) I needonly assure you, my dear Professor that if you are willing to give your name with the rest, I shall do my best to secure the ultimate payment of every penny of interest as well as principal.

I would gladly protect the first of your notes as you suggest if it were practicable & consistent with what is expected of me in other cases. This does not seem so now — but if you can withdraw this first note it may be practicable after a week or two to put it in a little better shape than the general one arrangement.

The chief — or perhaps the only consolation in this difficulty — such an adjustment, is the expectation that I shall be enabled to put everything on a new & firmer basis, and may be able hereafter to avoid notes and interest nearly altogether. —

Before a great while it will be time to think of a new ed: of the Text Book — which you said might be better stereotyped. I presume no very extensive alterations would be needed from the last ed: ? It would be desirable to prepare in good season, so that the book should not be out of the market. I want to make a new and vigorous effort to render this work more profitable, as soon as the 21st century ed: is ready.

Hoping that no harm or even temporary inconvenience will be caused you by what I now ask,

Remain, dear Sir,

Yours very truly

L. P. Putnam

Many best thanks for your kind wishes & expressions.

G. P. Putnam & Co.,
American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and for Public Institutions.
George P. Putnam,
John W. Leslie.
Agencies at London, Paris, Brussels, and Leipsic.

10 Park Place, New York, June 18th 1855

Prof. A. Gray,
(Cambridge) Dear Sir, Your favour of the 11th inst. we have delayed answering until we should first consult some of those [illegible] engaged in the trade in text books, as to their co-operation for the introduction & sale of the three books you propose. The precise terms could take remain still an open question — but as we have no doubt that some arrangement will be easily effected which will enable us to do full justice to the books, & to yourself, and as we understand your plan is to stereotype the "Manual" & the "Lessons" at your leisure so as to be printed & issued next Spring — & that in the meantime we are to go on with the present edition of the Text Book — reducing the price to $1.50 — and that your copyright on the 3 works, viz $500. per annum will commence on the publication of the "Manual & Lessons", — we venture to accept your proposal at once, with the further stipulation which is we presume a matter of course, that this agreement shall be assignable to any respectable & competent publisher — so that we may transfer it, if we think best for mutual interests — which is not at present in any way probable. In the meantime we will do all we can to prepare the way & learn about the machinery for introducing the books. Please let us know if this is satisfactory & send a draft of agreement which we will copy & sign.

Very truly Yours G. P. Putnam & Co

G. P. Putnam & Co.,
American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and for Public Institutions.
George P. Putnam, John W. Leslie. } Agencies at London, Paris, Brussels, and Leipsic.

10 Park Place, New York, Aug 4 1853

Prof. A. Gray
Cambridge

Dear Sir, Your favor of 2d is rec'd.
Enclosed please find draft of agreement. If it is correct please return it and we will have it copied & signed in duplicate. If you wish any thing changed, please interline it. —

Whatever cuts you think necessary for the first lessons we will pay for, of course. If the drawings cost $250., the first whole expense will be rather severe — but still we have entire confidence in your judgement & that you will not incur any unnecessary expense. We will have the engravings done here — or as many of your cuts as best to send here.

We have not yet completed an arrangement with a jobbing house for the sale of the books — but shall do so in good time if it still seems desirable. Perhaps our new arrangement will render it unnecessary.

We should be glad to have you learn Metcalf's terms for stereotyping. It is doubtless best to have the work stereotyped under your eye — but we think the paper work can be done cheaper here. We suppose the "First Lessons" will be a twelves two page — smaller than the Reader —

Very truly Yours
G. P. Putnam

*** Mr. Putnam wishes to see you in Oct.

G. P. Putnam & Co.,
American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

George P. Putnam,
John W. Leslie.

"Putnam's Monthly."

10 Park Place, New York, Oct 20th 1855.

Prof Asa Gray
(Cambridge) Dear Sir

The pressure of business in Mr Putnams absence must plead the writers excuse for allowing your favor of 15th Inst to remain thus long unanswered. The proofs you refer to turned up afterwards.

We are ready to put the cuts or rather the drawings for the cuts in the hands of the engraver at any moment - We presume that the execution will not require the personal supervision of the Artist.

Mr Putnam made a very short visit to Boston in October but was so ill with Intermittent fever at the time, that he was obliged to return sooner than he expected - He is now absent on business in Ohio & Indiana - Mrs Putnam accompanies him as his health is not quite re-established. Awaiting your further pleasure I am Dr Sir Yrs &c J.W. Leslie

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

George P. Putnam,
John W. Leslie. } Publishers of Putnam's "Monthly."

10 Park Place, New York, November 7th 1855

Prof Asa Gray

Cambridge

Dear Sir

The engraver informs us that he has forwarded to your address the proofs of 12 cuts for the "Lessons on Botany", and we hope they will be found satisfactory. The cuts are in our possession, awaiting your report on the proofs, and further arrangements about the Electrotyping. The price reported by Metcalf & Co. is rather high, for after making a liberal allowance for the character of the work, we think 80 ¢ for Electrotyping ought to be sufficient, & even that is higher than we have ever paid here. We are disposed however to leave the matter in your hands, & hope to hear that M & Co have undertaken the job at that price: — If so, we presume that you are ready to put the work in their hands at once. Or, perhaps it may be necessary to get further advanced with the engraving before commencing the composition & electrotyping. —

We would be glad to hear your views on the subject, & also to know how long it will require to complete the work & deliver the plates — It ought to be issued <u>early</u> in Spring at farthest.

Yrs Very truly

G. P. Putnam & Co

N. Y. Dec 22/55.

My dear sir,

The Hon. Mrs Murray has sent me a part of the early sheets of her book on America. — As I observe she speaks of your acquaintance I venture to ask if you think it likely the book will be worth publishing? In the 100 pages read there is precious little of intrinsic interest — but if the book is to be in demand because it is by the queen's maid of honor it may be worth doing for money though not for reputation.

There are two vols. of the English ed.— It would make one of our ordinary duodecimos.

I should be much obliged if you will tell me whether you think it expedient for me to reprint it

on the whole. I promised to hand it to some other publisher in case we did not decide to publish it.

In haste, dear Sir

Yours faithfully

G. P. Putnam

Prof. A. Gray.

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers. Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE.

Publishers of Putnam's "Monthly."

321 Broadway
~~10 Park Place~~, New York, January 28th 1856

Prof Asa Gray
Cambridge

Dear Sir

In the bustle & confusion of removal to our new premises, your favor of 12th inst was received, & laid aside at the moment with the intention of replying to it in a day or two, but it turns up at this late day unanswered. Pray accept our apologies for this seeming neglect.

We have no knowledge of the whereabouts of the missing wood cut, & cannot but hope that you have found it before this - If not, please let us know & we shall follow the matter up without delay, & if necessary have it re-engraved in re=-ceiving another drawing from you.

How does the work progress? It is about time to have it at press if we hope to effect sales this Spring. Trade Sales take place early in March

Yrs very truly G. P. Putnam & Co

G. P. Putnam & Co.,
American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

George P. Putnam,
John W. Leslie,

"Putnam's Monthly."

~~10 Park Place~~ 321 Broadway, New York, Apl. 1 1856

My dear Professor:

How come on the First Lessons of Manual? If they are to come out this Spring it is already very late — I fear we shall have to wait till fall. —

Are the cuts all done? — Can you suggest anything in regard to teaching ze with the First Lessons of Manual?

I fear that we neglected the very obvious duty pending your call — Irving's overlooked in the hurry — but I shall remember that "I owe you one" & something else besides. Yours truly G. P. Putnam

G. P. Putnam & Co.,
American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

George P. Putnam,
John W. Leslie.

"Putnam's Monthly."

10 Park Place, New York, Apl 21 1856

Prof. A. Gray

Dear Sir,

We have ordered paper for 150 copies Botany Plates, i.e. 16 reams 22 × 29 — 80 lbs. for 100 page plates. You do not mention any letter press to go with the plates, therefore we presume there is none. If there is please let us know at once as we have only ordered paper for just 100 plates. The quality is the same as the sample enclosed, but the sample is 40 lbs instead of 80. It is to be sized as it costs us just the same as unsized. Are any of the plates to be colored? We presume not.

Yours resp.

G. P. Putnam & Co

Please say to whom we shall send the papers — Dr. L. P. Lewis?

1st We have B/L. Freight & charges bills & c of a case P & O'r steamer from Brockhaus of Leipsic, & are at a loss to know who they belong to as we have no advices — Can you throw any light on the subject?

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

George P. Putnam,
John W. Leslie,
David A. Wells.

Books Imported to order by every Steamer.

321 Broadway;
New York, May 26. 1856

Prof. A. Gray,

Dear Sir,

We have your favor of yesterday. If Rice & Kendall will send the Memes which you have ordered, Dees as soon as ready — or direct to Mr. Lewis, we will have that used as far as it goes & supply the remainder which are on hand made about 90 Cts.

Yours Truly

G. P. Putnam & Co

xxx The delay of the "Manual" is unfortunate. Be will commence Printing as soon as we are advised that all the Plates are finished.

G. P. Putnam & Co.,
American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

George P. Putnam,
John W. Leslie.

"Putnam's Monthly."

10 Park Place, New York, Nov 28 1851

R. J. Gray

Dear Sir

We propose to admit Iverson and Phinney, a New York House extensively engaged in the School-book business at the West, to an interest in the publication of the First Lessons, and Text Book, — not the Manual. Have you any objections. Our motives are, — that they are thereby prevented from getting up another school botany, for which they were negotiating, — and then made dependent exclusively

west of Chicago and
the valley of the Mississippi,
— not interfering with
our sales much, if any.
If Iverson & Phinney
take hold of the old books,
they will require them
to shine. Please let us
know how you are
getting on. Our proposed
arrangement does not
give them any authority
to do any thing respecting
the book, without our consent
and application. We hope
you have the first lessons
nearly finished, and are
ready to commence on the
text book. We are yours
Very Truly
G. P. Putnam & Co

P. S. If you have any recommendations
of the Manual, or other books, please
send us ~~them~~ notes for one, or a circular

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

Books Imported to order by every Steamer.

GEORGE P. PUTNAM,
JOHN W. LESLIE,
DAVID A. WELLS.

321 Broadway, New York, Dec 18 1856

Prof. A. Gray

Dear Sir, We have read your letter about the Manual &c to Wisson & Phinney & they are satisfied & wish to proceed as you suggest. They ask us to obtain your assent to our contract with them & your authority that they shall retain their right to publish so long as they fulfill their conditions. This we think can all be made quite satisfactory all round. We should therefore be glad to have you prepare at once the new pages & changes required in the Manual — including the new page & title-page to fit it for the School purpose so that we can have the two (duplicate) set of plates sent here at once & printed in time for the early Spring trade

together with the "Lessons". We enclose an order to Electrotype & Lend them here as soon as finished, as our arrangements with D&P require that the Printing shd. be done here.

We hope both works will be ready to print early in January.

In a day or two we will send you our Contract with D&P for your approval & endorsement — but meanwhile we shd be glad to know that the Vol. is in progress. Yours very truly

G. P. Putnam & Co

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

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GORGE P. PUTNAM,
JOHN W. LESLIE,
DAVID A. WELLS.

321 Broadway, New York, Jany 5 1857

Prof. A. Gray,

Dear Sir, Your favor of 1st inst. remains unanswered — the Holidays have intervened. —

We write to say merely, by correction in regard to the "two sets plates". We really meant two sets of stereotype plates of the 2d Spec. to be sent to us here — one to be used by Dr Wilson of P. & the other by ourselves. Dr Leconte of Phila understands this & sends them as soon as possible — At this season they had better come by steamboat or railroad than freight line — One set addressed Dr Wilson of Phila — the other addressed R. Craighead, Centre Sq. Phila.

We will have the plates carefully printed, as you desire — but query if D & P. it seems necessary to print both here.

We will send D & P. contract in a few days for your revision —

We have had a bad time to look at the cuts of sp — but I cause presume you are all right. As our payment are crowded just now, if you can draw at 3 mos. it will be more convenient for us than shorter time.

Yours truly G P Putnam & Co

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE,
DAVID A. WELLS.

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321 Broadway, New York, January 10 1857

Prof. A. Gray
(Cambridge,)

Dear Sir,

On consultation with Mess. Ginn Brothers & Co. we have concluded that it will not be necessary to duplicate the electrotype plates of the Lessons. We will arrange with L & P. to print our edition with them — & also write to Messrs. Metcalf & Co.

If you can conveniently include Bradford's bill in yours draft for cuts please do so — If not pray authorize him to draw on us for it at 10 days — & to send us the stone as you suggest.

Shall we have to use this in the school ed. of the Manual?

We shall want two title pages — but we will have L & P's made here. Please insert in ours simply

New York:
G. P. Putnam & Co. 321 Broadway
1857.

We hope you will have the new Manual plates finished very soon, & also the remainder of the Lessons so that Metcalf may send them to us at once. We have ordered paper to be ready to print.

Yours truly
G. P. Putnam & Co.

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE,
DAVID A. WELLS.

Books Imported to order by every Steamer.

321 Broadway, New York, Jan 17 1857

Prof A. Gray,

My dear Sir, The corrections are now being made in the "Manual" plates, with the type you sent.

We are also resetting the title page as we do not like yours. It is crowded & I suppose that some words & lines in it are better omitted. A proof will be sent you by the painter with this — & we will cast the two titles here like this provided you forbid us by return mail. The other new pages of the Manual we wait to receive from you with the plates of the Lepidoptera & hope they will be sent at once as the Papers wait. We should have had the first work done at Meteuchs — but I & P. specially desired it at their own office for natural reasons. Pray ask Mrs. Metcalf to make the titles of the Lepidoptera like those

An advt. of the "Manual" both
ends should be printed on the
back of the ~~Leporidæ~~ title of the "Lepores."
or perhaps a new page advertisement
for all the works. May I ask
you to prepare such a page? I
presume you can best describe
the features of each work.

I hope to receive the plate,
early next week.

The stone is back & the
six plates will be printed for
the Manual.

Yours Very truly

G. P. Putnam

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

George P. Putnam,
John W. Leslie,
David A. Wells.

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321 Broadway, New York, Jan'y 26th 1857

Prof. A. Gray

dear Sir, Your favor of 23d. is just rec'd. — I enclose in the proof the title to "Manual" as you did not receive the first. We do not like the "Second edition" nor "abridged impression" — at least we do not prefer to say Revised ed'n and "School & college ed'n" on the top or before the imprint, unless you have some special objection. We have received the revised pages for Expos. & now only wait to have the title page right. We shall be glad to have the plates of the Lepons, though we fear the expos. charges by land at this time will be very heavy — We will see that B&P. Potter of Pa. receive copies. Thanks for the advt. which is being set up. To save the title Please Return the title — oblige Yours G. P. Putnam

Will you be good enough to add Metcalf's Reminiscences of Agassiz, & Lesson Electricity to "Lessons" & "Manuals"?

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE,
DAVID A. WELLS.

Books Imported to order by every Steamer.

321 Broadway, New York, January 27 185 7

Dear Sir, We have your favor of yesterday. If we construe the agreement strictly the pay^{t}. of $250. would be [illegible] due in Feby. — but even if it is not due would not pay a cent if the various books so far did not leave us out of pocket. — You are in error in supposing that this was or even half of it was due on the Botan^{l}. Text Book — & on the old plan none would due on the Manual & Lessons for sometime yet. — Still we are anxious to suit you up all — or as nearly so as possible. Suppose you draw at sight for $150., which would be the whole copyright on the whole (save Text Book — (though 3 or 400 are still unsold) under old system and at 30 days for $100. This would be pay^{t}. in full up to 1st July — & the pay^{t}. in July would be in advance of 1st Jan^{y}. — When we begin to make these books profitable we shall be glad to be sent pleasure in sending you cheques before you ask for them

but as you know, we are yet to begin
business, though I have
Mary Lopez we shall some day
G & P. keep promising the
original copy your agreement
but it is still delayed — we shall
not lose a moment in sending
it — The 4 copies I keep you
ordered. & we shall proceed
forthwith.

Very respy Yours
G & P Putnam & Co

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE,
DAVID A. WELLS.

Books Imported to order by every Steamer.

321 Broadway, New York, Jan 30 1857

Dear Sir

Enclosed please find
~~Any~~ agreement with
Upton & Phinney — & a blank
which they wish you to sign
by way of recognition of their
interest. Any terms under
it you can best patronize
~~Phinney~~ but we do not
object, as we wish to have
them ~~the~~ thoroughly steamed
interested in the book.
Pray return both documents
writing on ours simply
"Approved, A. A. Gray" and
signing the same on them
if you find no objection
to oblige Yours truly
G. P. Putnam & Co

Prof A. Gray

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GORGE P. PUTNAM,
JOHN W. LESLIE.

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321 Broadway, New York, February 6th 185 7

Prof Asa Gray

Copy right 2/c on "Botanical Text Book"

By G. P. Putnam & Co

Cr.

Copy right on Balance of Edition
"Botanical Text Book" Printed March '53 $150.

Printing title & Index of Ex. Exp.n Atlas 2.

152.00

Dr.

Feb 3/57. Cash p.d Draft favor Westermann 72.44
" 6 " " Merch.ts Bk 79.56 152.00

Dear Sir We forward the above as exhibiting the manner in which our books describe the recent payments - please make yours conform. As we now understand the matter, the first payment under the contract of $500 P ann will accrue in August next (& be payable at that time by note at 4 mos as customary.

We find two charges of $150 each for drawings on blocks making $300 which seems a large amount - Is this right, or are they not duplicates? Metcalf charges $88 30 for extra Corrections, which is about 1/4th of the whole bill - Please report if you deem this too much - it is certainly a much larger proportion than usual Yrs very truly G.P. Putnam & Co

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE,

Books Imported to order by every Steamer.

321 Broadway, New York, Feby 17, 1857

Rev. A. Bronson

My dear Sir,

Your endorsement on our agreement with I & P. naturally compels them to demand an examination of your own contract with you. — I have not yet shown it to them, but the wording of your "Approval" and the very unusual power given you in case your agreements taken together, will be very unsatisfactory to them, & I fear will break down the agreement altogether unless modified.

In no other instance whatever have I ever given the author the power which you have in that article. — We have assented to it here, and the agreement is signed, sealed & delivered & will be faithfully observed as it is, so far as we are concerned — : but on reviewing it, I cannot help thinking it unnecessary & uncalled for. Knowing as I do the

If you can persuade Mr. Hedges to withdraw the letter of Conditions it will be very desirable. I will see him at 3 o'clock & will write you.

Your self personally there was scarcely a chance of any dissension in any contingency that might arise I did not care to object to this provision — not giving it any special consideration or weight — but the matter stands with J. P. they naturally say, that if they pay the cost of the plate, — and (a still more important investment) expend a great deal of money, a great deal of time in getting their book introduced & permanently established, they want to be protected permanently in their interest so long as they perform their contract

Now they naturally would be unwilling to have their half share in the plates sold at auction over their heads on the ground that we had not performed our contract.

At the same time you naturally want your right protected — and we both wish to protect them in every reasonable way.

Can you not suggest some other stipulation or security — which will make you feel safe? Is not the fact that our contract to publish is cancelled by failure to pay the copyright — is not this sufficient security to you? I think so — for you could forbid any further sales or any further printing until you are paid. I shall be glad if you

or your friends would consider some substitute for Art. 7. and another "as found" guarantee of $2.75 dollars for each set. Mr. Allen wants to feel secure as does Mr. Lippincott

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE,
DAVID A. WELLS.

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321 Broadway, New York, February 14th 1857.

Prof Asa Gray

Dear Sir

In accordance with your suggestion we have charged you with $20 for overcharge on drawings for wood engravings for "Lessons" — We paid our note for $805 in favor of Metcalf to day for Steris "Manual" & having been somewhat inconvenienced by the non receipt of proceeds of Bills Rec. we have ventured to trespass upon you by drawing at 10 ds sight for $650 — & will either send you a check to meet the same at maturity, or you may redraw upon us at similar sight, if convenient, which last would be more agreeable for us — Please accept our Draft & we will do as you may direct in reference to putting you in funds — We are considerably out of pocket on these books thus far, but look for better things hereafter Yrs G. P. Putnam & Co

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE,
~~DAVID A. WE~~

Books Imported to order by every Steamer.

321 Broadway, New York, Feby 21st 1857

Prof. A. Gray
Cambridge
Dear Sir

Swinton & Phinney will be content if the clauses which they have added to your participation of the treaty is approved & adopted — and as we do not think it worth while to object, we presume you will not. Of course we do not look forward to any such contingency as the forfeiture of our rights in the contract — but admitting that possibly may be forfeited or may revert to you, we cannot object to your conferring them on D. P. who will have naturally the first claim to them.

If you approve the paper as now inclosed, please return to us, very truly

(over) G. P. Putnam & Co

Collins will be ready with balance in a day or two.

P. S. The Botanical Text Book is now nearly O.P. Should not the preparation of the new ed^n be completed very soon? This book is one of the three included in the Contract — and can it be supposed it should not be dropped altogether if the Contract stands as it does. What are your views on this head? Also when must to be done to the book? How long would it take to revise & stereotype a new ed^n?

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE,

Books Imported to order by every Steamer.

321 Broadway, New York, Mch 5th 1857

Prof. A. Gray,

Dear Sir, Your favour of 27th Feby was duly rec'd. — We believe our Contracts now stand Satisfactorily all round.

We shall send you some copies of the books to-day. The Manual looks very well but the "Lessons" is not to think a book yet quite so well printed as I hoped. You will say "I told you so — it ought to have been done in Cambridge" — but still it can be done well here yet must be another time. When the paper was ordered, I inferred from your letter that there were 275 pages — & therefore 60 lb paper was used — but the next edn we must have 70 lb & better finished. Still the book looks well & I hope you will not think it much amiss. Dr Gray two of the cuts are cut so close & fine that it is difficult to print them well.

I & P. are preparing to make a special demonstration on these books, & are preparing all kinds of Certificates, from the botanists &c — which I tell them is like Sheridan Knowles recommending Shakspeare. We have given them a very favorable bargain for themselves — they paying us copyright on the trade price instead of the retail — & only paying ½ cost of the plates. But I hope the result will be satisfactory all round.

In regard to the

Botan. Text Book — It is probable from remarks and as that this will continue to be recalled for — it will be out of print long before you get the revised ed. ready. — Therefore we hope you will be able to proceed at once with it & get it ready within 4 mos. as you proposed.* It would be a pity to have it too long out of the market. If you Special Paper it, we are quite content that Meteorological take hold of it stereotype it as before — but we hope they won't have such a big bill for extra Corrections. — Will you arrange with them? Are the original manuscripts of the Lepidoptera still at Meteorol's?

Yours very truly
S. F. Baird

* We shall therefore expect it by 1st July.

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE,
~~DAVID A. WELLS~~

Books Imported to order by every Steamer.

Mr. Asa Gray, 321 Broadway, New York, Mar 21st 1857

Mr. Asa Gray, Cambridge, Mass. 372 Lafayette, Newark, N.J. today

My dear sir, I had already consented to waive our claim to the proposed Juvenile Botany excepting only the right to be supplied with them at a small discount from the usual trade price. I felt reluctant to do so for two reasons; — 1st. we should like to have the profits in all your books, (after you have rec'd. your share of course) — and secondly, I don't like the idea of letting any body step in & lay claim to your & your great name — which we are proud to have on our lists as ours alone.

"But considering" that this school-book machinery is so hard to manage, I consented to give I & P. the lions' share of the other two books rather than not have them vigorously pushed into their proper places, for the author's sake, & indeed for our own sakes — & I. consented too, to receive a lower rate of copyright for them than we have ever paid ourselves, — viz. 10% on the nett trade price instead of the retail price — a difference of 1/4th. — For the

same reasons — & to promote (collaterally) the sale of the larger book, I assented at once to their plan of having a primary book, entirely their own, — This was to have been done by some one else as introductory to your Lepors —. When they enlisted your for this also, we ought to have claimed a full share — but as the sale of this would be chiefly theirs, I thought it scarcely worth while to lay claim to any thing more than an extra discount.

I presume this is to be a very small book — strictly primary & introductory to the Lepors. —

I am much obliged for your considerate courtesy in thinking of our claims of giving us a chance to sustain them — & this makes me the more desirous to promote your own interests as far as possible can.

How about the Exp. Exp.ns? We have also full of the plates, printed as far as engraved. (& paid for, at least the paper, some time since) Are the other plates most ready?

Yours very truly
W. Putnam

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE.

Books Imported to order by every Steamer.

532 Broadway, New York, July 16 1857

Rev. A. Gray

My dear Sir

The plates — (35 cubic ft 72 plates) will be packed this P. M. & sent you as directed. I am thankful this is complete.

Leslie's sudden death has given me serious trouble & great anxiety, for he had (unfortunately) so entirely the management of our accounts & finances, that I have not been able to unravel some important matters known only to himself, or to Rees engagement which he had made without my knowledge. Thus I have been completely cornered. But I am just completing a full transcript — & it is probable that all will be put in good shape

in a day or two.

Your draft for $250. was accepted and will be paid. —

Let me add a word confidentially. — Our mutual friends I & P. are excellent and honorable men & I made the arrangement of dividing your both with them as much for your satisfaction as for our interest. The arrangement is undoubtedly wise & desirable. But human nature is "human nature" — and if they saw on appearance of any difficulty on my part they would be very ready, probably, to approach you with suggestions about them having entire control. I only want to say now briefly but emphatically that no event probable or even possible can prevent a full compliance with my part of the contract, either by me or by my friends — and therefore I know you will not lightly regard what may be to me an important future interest while your interest is also fully guaranteed by the contract.

Prof. A Gray

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE.

Books Imported to order by every Steamer.

321 Broadway, New York, July 28 1857

My dear Sir

Mr Lewis's a peculiar case and I am very sorry it stands so. The plates, having been so recently delivered. I shd be happy to have signed the agreement for our compromise without exacting this bill (I owe him $300. besides.)

As however it is so hard a case for him, & as we can not now make exceptions in his favor, I would suggest that you authorize him to draw on you at 30 days for $75. being the cost of printing your 50 copies — and if you do this I will provide this amount when you have to pay it. — If you tell Mr Lewis that he must look to us for the balance he will do so, as I have seen him within four days. Very truly yours

G P Putnam

Prof. A. Gray, Cambridge

G. P. Putnam & Co.,

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM,
JOHN W. LESLIE.

Books Imported to order by every Steamer.

321 Broadway, New York, Aug 8th 185 7

My dear Professor,

Division of Phinney has come to me to say about the unsatisfactory nature of divided interests in the Sept books that I have been induced to consent to give up these stereo books to them entirely — your assent being first obtained.

As they are wealthy & thoroughly established in the School book trade, I presume you will be fully satisfied to have these books entirely in their hands. They will manage them judiciously & you will receive your money promptly as the contract requires.

Will you be kind enough to send your assent as per memo. enclosed, by return mail, to enable me to complete the arrangement with them? —

I should render you a service & friendship to have you do so.

The plates weighed 60 lbs. Exp[ress] $4.80

I will account & settle with you for the Sept books as soon as I receive your assent.

Yours truly G. P. Putnam

G. P. Putnam ~~& Co.,~~

American and Foreign Booksellers and Publishers, Purchasing Agents for the Trade and Public or Private Libraries.

GEORGE P. PUTNAM, }
~~JOHN W. LESLIE.~~ }

Books Imported to order by every Steamer.

321 Broadway, New York, Sept 5th 185 7

Rev. A. Gray
(Cambridge)
Mass.

Dear Sir,

Your Mem.
of deficiencies of the Bot. Plates
was given to Mr Sheetman — but he
appears to have lost it. I therefore
send you a complete copy.
Please return it one in part.

I shall you want supply
every body that want a copy —
for there may not be purchasers
left if all the Botanists have
a present of a copy.

I had forgotten that I
had suggested Mr Lewis, drop a line
about to date. — All my affairs are
getting into shape, but I have
had to ~~retain~~ remain many
special engagements. If Mr Lewis has
not already drawn, pray ask him to
draw either on me or you, at 30 days
& if you draw at once, at same date,
it will be all right.

Truly yours
G P Putnam

Philada Sept 8. 1857

Profes^r A. Gray

Dear Sir

Your favour of the 5^th^ is rec^d^, I have drawn on Mr Putnam for the amount of Plates delivered to you, I think it hard that Mr Putnam should expect that the Botany Printing of the plates must come under the same arrangement as work done previous, inasmuch as the botany book was delivered but two or three days before his stoppage, I shall loose by Mr Putnam $178 cs independant of what he expects me to loose on the botany, which is indeed to me a serious loss, as my business is small and yields me but little over a living — I have written Mr Putnam telling him that I have drawn on him at 30 days for $78 cs please accept my thanks for your kindness in getting me full pay for a part of the printing. with great respect

Yours very Truly

Geo B. Lewis

demand for the Spring-trade
If I have selected in this
epistle, you are welcome to give
it back to me with interest

Truly Yours
W. A. Wells
for S. P. Putnam & Co

Newyork. Oct 17th

Prof. Gray
Dear Sir

Your books have all
been sent. with the exception
of Miss. Murray's to
A. Imbert & Co. 12 Paternoster
Row. London. Miss
Murray's was sent to the
Care of Parker & Son. Publishers
London. We have received and wish to
Sullivant's Mosses, ~~but you~~
~~have given us no indication~~
~~of the price.~~ ~~We wish~~ Have them
have them on Commission. ~~Please give~~
~~us an invoice immediately.~~
I think I could succeed
considerably if with you. Why
is it that you will not
consult the popular taste a
little more in your school
books, as your best friends &

and botanist has given his private opinion here. That the manual is altogether too difficult to admit of use as a school-book. If we are going to have a scientific treatise, well & good but if a school-book, make it so. Then about the cost — it is awful. You don't seem to have the economical streak at all. I believe we lose money on every copy of the manual we sell at $2.00. Now. I beg of you, in the elementary book, to make it simple, and make it cheap, for here are the two elements of success in a school-book. We have the second since very few endorsements of the manual, which we should publish in due time, notwithstanding what I have said above.

We want, on commission, Sullivants work on mosses, mentioned in the foot-note, page IX of the manual, and would like one imprint on it.

How about the Botany of the Ex Expedition. It certainly ought to have been here before this.

You can give the Boston engravers the other wood cuts if you think it an object. But do not increase the number, over & above what is absolutely necessary. Cannot some of the old cuts be made available, — in this text book.

And in regard to the text-book that something it is necessary. should be done immediately. We have not over 200 copies left. We have not over 200 copies left. and will be out before Spring in all probability. It would be a serious injury, if we should not be able to supply it.

N.Y. Feby 3. 1858

Prof. A. Gray
(Cambridge)
Mass.

My dear Sir

I have been hoping to hear again from you in regard to the Genera of the Salicineæ to Miss Rendall. I have just written them again, & shall be very glad if you will see them & make such an arrangement as you & they think right & equitable under the circumstances. I am content to be dealt with you & them for I am quite sure you will do all that is right. I only beg you bear in mind that I should not trouble you or them were it not that I am cruelly hampered with matters that may prevent my being able to arrange just right either with you or them, unless I do it now. This is why I trouble you — & not for selfish motives. —

I sent to D. Torrey the 3 Vol of Flora &c — & shall pay Mr Thurber whatever is due on a/c of Flora. —

If the Exodus Genera sent you in those boxes does not cover your part of that a/c to this time, please say what you think is right.

Yours truly
G. W. Putnam

Please write for Putnam
Mr Thurber $ 4.50 from sales Allspice
Dr Boott

Prof. A. Gray

Meydenburg

I enclose $1.90

Pay for "Ideas" & Postage.

If you have any
copies of "Leaves" that you
wish to have sold I should
be glad to have them sent
to me — as I frequently
have enquiries for it.

I suppose you will give
me some profit in the sale.

Truly yours

G. P. Putnam

N. Y. May 23d/57.

P.S. I will remit the money
for all sold, every month.

115 Nassau St
New York May 29 59

Prof Asa Gray

Dear Sir

Please send per
Mail to Mrs M. W. Mann Condersport
Potter Co Pa 1 copy Sullivant
Mosses and charge to A/c of

Yours Truly

G. P. Putnam

Sec Fl. Hall Ass

Dr
To 1.60
Postage .30
1.90

Account with Putnam —

He owes me — for Paid Expenses
Printed in vol 2. — $56.00

June 1st. —
Cash received from Prof. Thos. C. Porter
for Gama vol. 1. — $6.00

Rev. M. A. Curtis 1

Miss E. C. Morris 1

Prof. S. F. Baird 1

C. W. Short 2

S. T. Carey 1

Prof. Darby 1

Mr Lockwood sold 2

Mr A Wiley " 1

On Hand 7 17

Sent to London

June 6 ~~to date~~ 10

~~July 1 to date~~ ~~[illegible]~~

July 19 2

Aug 7 12 24

41

42

Prof Baird

Mr Patterson 1

Rec'd			
May 2		10	42
12		12	
June 24		20	42

Academy of Natural Sciences.

J. DUNCAN PUTNAM,
Corresponding Secretary and
Chairman Pub. Committee.

Davenport, Iowa, March 1st 1871

Dear Dr Gray

I had hoped long ago to have acknowledged your kind letter from Washington, but I have been very unwell most of the time since. My prinple trouble this winter has been dropsy and early last month I had a severe attack of erysipelas in my leg which was very painful and left me very weak. From this attack I have hardly yet recovered, and still feel very weak in body but I suffer little pain and am usually in good spirits — the means of keeping myself busy at something most of the time. I have taken a deep interest in the success of our little Academy of Science and am now editing the 2d vol. of its Proceedings. This is an amusement to me and is a kind of work I can do when I do not feel very bright, besides it gives me something to go to town for every day. A few days since Mrs. Newcomb presented the Academy a fine building lot on the principle

street in the city and we have ahead $2000 subscribed towards a building. This will place the Academy on a firm foundation and if we only have a few more truly scientific workers, we might do some good in the world. We will try to do so at least however, and possibly some good may come of our work. The interest in the Academy and its objects is increasing among the citizens, the meetings are always well attended and indeed it is the most popular society in the city.

I am glad my letter on the Insects and Flowers of Colorado pleased you. You have done me a great compliment to have it published with so flattering an introduction — I wish I deserved it — but I must try to. I have been amusing myself with making a study of the Solpugidae of the U.S. and find myself much interested, the more so perhaps as they have been totally neglected for years and I find out something new about them every day. I feel the lack of proper books greatly but as the literature is very limited I do not dispair. But 52 species are known, only two from U.S. I have both of these and possibly one or two more. Dr. McCook very kindly sent me all the specimens from the Philadelphia Acad. Nat. Sci. to study.

Please remember me most kindly to Mrs. Gray. My visit at Cambridge was by far the most pleasant event of my journey last fall and I hope I may live to repeat it. It has been a great disappointment not to be able to complete my studies there.

Sincerly Your friend

J. Duncan Putnam

Putnam

Academy of Natural Sciences.

J. DUNCAN PUTNAM,
Corresponding Secretary and
Chairman Pub. Committee.

Davenport, Iowa, June 6th 1875

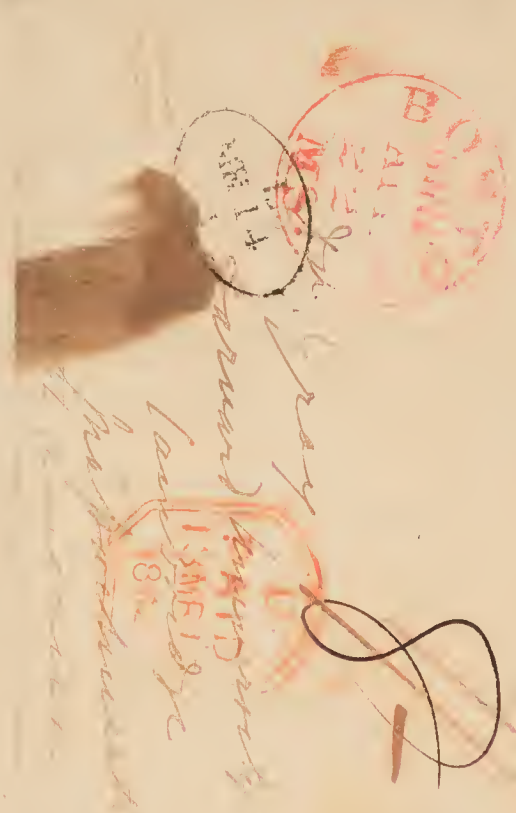
Dear Dr Gray

I send to you today a proof of the plates of *Lilium Parryi*, Watson, drawn for our Proceedings by Mr. W.O. Gronen. We are now printing Part 2 of Vol II of our Proceedings but it will not be ready for publication before next fall. I hope to have some entomological matter in it and will draw my own plates directly on the stone. I have been paying a good deal of attention to the bark lice during the past year and have quite successfully traced the development of two species. The regular Academy work is constantly increasing and I have to attend to everything connected with the correspondence and publications – which keeps me very busy. Success is a great stimulant and my health has not been so good for many years, as it is just now. If you come west this summer nothing will give us more pleasure than to have you visit us at our home. With best regards to Mrs. Gray

Very Truly Your Friend

J. Duncan Putnam

P.S. Please give one copy of the plates to Mr. Watson.



E S Irving '57

Professor Gray.

Dear Sir

I regretted I lost the pleasure of seeing you when you brought us Mrs Bromfield's interesting & appropriate tribute to her brother, and your very valuable contribution to your favourite science. — The retrospection of the days when I glanced at the charms & the wonders of Flora's domain & under your auspices, is very agreeable and I often wish the Botanic garden was again

within the circuit of my
daily walks. — Accept my
thanks for this remembrance
and believe me
ever — your friend
E. S. Quincy. —

Beacon Hill Place.
March 22. 57. —

1866
E S Dewey

Professor Gray

Dear Sir

If you have a spare duplicate of your interesting sketch of the life of Sir W. J. Hooker, I wish you would give me one, to bind up with the copy of "the Victoria Regia which he sent me. — I

have it in my copy of
the Scientific Journal —
but as I give that work
to Horace Mann, after
I have looked it over,
I should be glad of one
similar to Wm Greene's —
you see that although
I have left College I
still retain my interest

in the subject of your
distinction —
sincerely yr
Chas A. Young.

5 Park St Boston.
Jan 20 — 1866 —

E72

Dear sir

Quincy Massachusetts,
July. 6 73

Professor Gray
Dear Sir

Allow me to thank you very cordially for your remembrance of me and for your excellent notices of D'Torrey, and W Sullivant. — They are quite worthy of the President of the Academy, — and of — our Professor! — admirably written as they are with tact, feeling, learning & condensation. Your friends are very fortunate in having a biographer with such rare qualifications. — Nothing is more difficult than to write such notices successfully, — to do full justice to the subject without any superfluous words. —

In looking over Silliman's Journal it

appears to me that the ranks of your scientific associates have been thinned with uncommon celerity of late years. — Much as they all accomplish the vast fields of their study cause the longest term of human life to appear too short, to be terminated by their removal. — I have had an occasional correspondence with Sir J. Herschel during the last twenty years. & since his departure several very interesting letters from Lady Herschel who has made me her medium of correspondence with Professor Henry of the Smithsonian. — concerning a Notice of Sir J. Herschel for the Report of that Institution. — One has been written for that of 1872. but Congress did not order enough copies for distribution beyond their own number, so that the Professor is obliged to delay sending one even to Lady Herschel. I hope it will be half as

worthy of the subject as yours of your friend. — I have intended to ask what had become of Herbert Spencer who I need to hear you speak of with interest. I suppose he had done well, & is likely in your mountain air to shorten his [illegible] by [illegible] — I have heard of your pleasant prospect of going to reside in England at Kew Garden, to complete your Flora, — and hope they will be forthcoming & your great work complete. —

very sincerely yrs

Chas. Wilkes Secretary.

E S Quincy

Quincy. Massachusetts.
October 7. 77.

Professor Gray

Allow me to introduce to the pleasure of your acquaintance, my nephew Josiah Quincy Junior, — the great grandson of your friend President Quincy, now a member of the Sophomore class in Harvard College. . . I hope that he will sometimes extend his walks to the Botanic Garden

My regards to Mr Gray.

and enjoy, as I did in
former times, its varied
attractions.— A great distance
from Cambridge prevents me
from seeing the great improvements
which have taken place. I congratulate
you on your late successful expedition
to the Rocky Mountains in the society
of your friend Dr J. Hooker,
It would have given Mrs Greene
& ourselves great pleasure to have seen
you both here, but I am aware that
time & distance rendered a visit to us
impossible.— With many pleasant recollections
of former days, very sincerely
Yrs Eliza Susan Quincy.—

Josiah Quincy

Asa Gray M.D. &c. &c.

My dear Sir.

It will give pleasure to me, always to come to the aid of mother Harvard whether she wants a string for her bouquet, Lattices for her garden, trees Spanish for her snuff-box, a new cap for her head, or tippet & muff for her ~~corporosity~~ according to the proportion of my means & my occasions; but as in this case I do not know what that proportion is & what others mean to subscribe I must wait for light & instruction.

Besides to tell you the plain truth, I feel a little niggardly just at this time, partly because my stomach to give has been a little, this year, exhausted by use, and partly because I have met a heavy loss by the failure of one of my tenants. However when I see your subscription papers, perhaps my appetite to give may increase & return to me. Yours truly

Quincy, 6 June 1856. Josiah Quincy

Professor Gray

Dear Sir

I Quincy

It will give me great pleasure to respond to your favor of the 12th. Instant; but before doing it, I shall wish for an interview as I am wholly unapprised of the object of your patronage & what under circumstances I ought to do.

I move my family to Boston next week, where I hope I shall soon have the pleasure of your company, & where I shall be happy to learn from you, what are the necessities of mother Harvard; when after considering purposes, means, claims, things done, things proposed, the length, breadth & height of all the considerations, which ought to decide, I will endeavour to perform the duty of a son to an honored mother

Quincy 16th Oct. 1858.

Yours truly
Joseph Quincy